

```

# NUMBERS & ODDITIES #
//////////////////////////////////// \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
- Editor: Ary Boender      *****      e-mail: ary@luna.nl -
- Nickname on IRC channels #wun #monitor #numbers: Ary-B -
- N&O home page: http://home.luna.nl/~ary/ -
- - - - -
- Online database: Chris Smolinski <csmolinski@erols.com> -
- http://www.spynumbers.com/numbersDB/ -
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

```

-::: N&O #28 July 2000 :::-

Just like last month there is very little to report. Due to a serious lack of time it was impossible for me to work on various items that I have on the shelf. Hence, the column is quite short this month, but I promise you a nice long one next month. I can use some help though. If you find any interesting, new or odd stations, intelligence news, or other related stuff, please send it to me. It is most welcome. Echelon news is an almost daily topic in virtually every newspaper these days, so I think that there is no need to report it here. If you can provide info about the intelligence agencies or secret services of your -or any other- country, please share your knowledge.

I recently received two articles in Russian that might be of interest. The articles are being translated at the moment so look for at least one of them in the next edition of N&O.

-o-o-o-o-o-o-o-o-o-o-

#### \* VOICE STATIONS \*

##### ::: ISRAELI INTELLIGENCE [E10]

Simon Mason reports that E10 'ABC' was testing on 10352 kHz after CIO ended at 1950 UTC. It lasted only for 3 minutes, from 19.52 to 19.55 UTC. Simon says: ''Probably a mistake as it is on air now 20.00 UTC, 22 JULY on 6528 khz. Maybe MOSSAD are testing out new frequencies.''

##### ::: LINCOLNSHIRE POACHER [E03]

Axel Kruse sent a list of new id's as used by the Poacher.

| UTC | Mon   | Tue | Wed   | Thu | Fri   | Sat | Sun   | UTC   |
|-----|-------|-----|-------|-----|-------|-----|-------|-------|
| 12  | 47602 |     | 47602 |     | 47602 |     | 47602 | 47602 |
|     | 47602 |     | 12    |     |       |     |       |       |
| 13  | 09109 |     | 09109 |     | 09109 |     | 09109 | 09109 |
|     | 09109 |     | 13    |     |       |     |       |       |
| 14  | 07309 |     | 79777 |     | 34300 |     | 28879 | 47602 |
|     | 25514 |     | 14    |     |       |     |       | 18174 |

|    |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|
| 15 | 25514 | 07309 | 79777 | 34300 | 28879 | 47602 |
|    | 60105 | 15    |       |       |       |       |
| 16 | 60105 | 25514 | 07309 | 79777 | 34300 | 28879 |
|    | 18174 | 16    |       |       |       |       |
| 17 | 18174 | 60105 | 25514 | 07309 | 79777 | 34300 |
|    | 47602 | 17    |       |       |       |       |
| 18 | 47602 | 18174 | 60105 | 25514 | 07309 | 79777 |
|    | 28879 | 18    |       |       |       |       |
| 19 | 28879 | 09109 | 18174 | 09109 | 25514 | 07309 |
|    | 09109 | 19    |       |       |       |       |
| 20 | 09109 | 47602 | 09109 | 60105 | 09109 | 25514 |
|    | 34300 | 20    |       |       |       |       |
| 21 | 34300 | 28879 | 47602 | 18174 | 60105 | 09109 |
|    | 79777 | 21    |       |       |       |       |
| 22 | 79777 | 34300 | 28879 | 47602 | 18174 | 60105 |
|    | 07309 | 22    |       |       |       |       |

-O-O-O-O-O-O-O-O-O-O-

# ★ MORSE STATIONS ★

::: ISRAELI NAVY -4XZ- [M22}

The following report from John arrived on the deadline:

|       |                                             |                 |
|-------|---------------------------------------------|-----------------|
| 9256  | 4XZ Israeli Navy CW Vs and off-line crypto. | 1700 on 25 July |
| 14695 | 4XZ Israeli Navy CW Vs and off-line crypto. | 1700 on 25 July |
| 18426 | 4XZ Israeli Navy CW Vs and off-line crypto. | 1700 on 25 July |

These freqs replace 10355, 14648 and 18481 which are no longer in use.

17049.65 4XZ slightly moved (was 17050 exactly)

The present arrangement seems to be

Broadcast 1 - 4241, 8437, 10046, 12984, 17049.65 (and ? 2680)

Broadcast 2 - 4331, 6379, 9256, 14695, 18426 (and ? 2800)

The 2-meg signals are so weak and there is so much QRN in mid-summer that I cannot be sure, but there are CW signals on these freqs, and 4XZ has been there for years.

# ::: UNID STATION

Iso found an unid station on 5301 kHz. The characteristics of the transmissions were similar to the unid stations described in N&O #25, also found by Iso. Could this be the same station/network? Comments?

00.06.05. 11.10 UTC 5301 kHz A1 morse

11.10 - 11.10 32543 14028 00644 17322 87408 30612 (1x)  
 11.10 - 11.20 x x x x x x x x x x x x non-stop  
 11.20 - 11.20 47836 71800 63736 42517 16881 66343 (1x)  
 11.20 - 11.30 x x x x x x x x x x x x non-stop  
 11.30 - 11.30 74565 07276 56113 15660 14360 33675 (1x)  
 11.30 - 11.40 x x x x x x x x x x x x non-stop  
 etc etc etc

00.06.09. 07.10 UTC 5301 kHz A1 morse

07.10 - 07.10 62562 18082 99463 35016 (6x)  
 07.10 - 07.20 x x x x x x x x x x x x non-stop  
 07.20 - 07.20 99514 75553 39036 35018 (6x)  
 07.20 - 07.30 x x x x x x x x x x x x non-stop  
 07.30 - 07.30 21904 49208 70442 74468 (6x)  
 07.30 - 07.40 x x x x x x x x x x x x non-stop  
 etc etc etc

-0-0-0-0-0-0-0-0-0-0-

# ★ INTELLIGENCE NEWS ★

The Independent recently published an article written by Duncan Campbell and Paul Lashmar about spy stations around the world. The world was shocked when the news leaked about Echelon, and the USA/UK alliance was bad news in the eyes of -mostly- the European countries. But how about all the other 'innocent' countries? Are they clean? Do they NOT eavesdrop on their neighbours and friends? Based on an IoS investigation, the newspaper published the following list of eavesdropping systems and stations around the world. I quote:

'From Spain to Northern Denmark, Europe is dotted with illegal satellite monitoring stations. France, where they launched their own legal inquiry into Echelon with great fanfare, has a global network of spy satellites and listening stations dubbed "Frenchelon".'

'There is a German listening station, at Coril, in Spain, in a world-wide network said to include sites in Lebanon and Taiwan, says Erich Schmidt-Eenboom, a German intelligence specialist. One particularly sensitive German listening site is in China, at Pamir-Geburge, close to China's Afghan border.'

'In the celebrated Bordeaux wine district of the Dordogne valley, a few kilometres off the tourist track, is Europe's third largest electronic spy station. The French satellite spying station at Domme, near Sarlat, rivals its British sister at Morwenstow on the Cornish coast in size and

complexity. Frenchelon extends around the world, says Jean Guisnel, a journalist based in Paris. It includes a Pacific spy station in New Caledonia, and one in the United Arab Emirates.'

'Denmark's intelligence service has turned Aflandshage, a former Cold War spy base on beaches near Copenhagen, into a modern satellite spy station. A second base planned at a northern site would be larger than many in the British-American network. Sweden and Norway are talking about following suit.'

'The Dutch intelligence service openly acknowledges spying on satellite communications, and published a picture of its listening station at Zoutkamp in its public annual report. Lt-col Ed Onderdelinden, deputy chief of sigint (signals intelligence) for the Netherlands Military Intelligence Service, says the information gained is traded with other countries including America. "The Dutch are traditionally a nation of traders," he adds.'

'Switzerland is building two satellite spy stations, says General Peter Regli, head of Swiss intelligence. The stations, planned for completion in 1993, are said to be aimed at terrorism, weapons proliferation and organised crime.'

-0-0-0-0-0-0-0-0-0-0-

\* LOGS SECTION JULY 2000 \*

|        |     |                                                      |
|--------|-----|------------------------------------------------------|
| 2626.0 | E10 | YHF 32 UUA EK USB 05/07/2000 Wed 2300 (GG)           |
| 2626.0 | E10 | FTJ 51 OTLZY USB 15/07/2000 Sat 2330 (GG)            |
| 2626.0 | E10 | FTJ 26 CENMS USB 19/07/2000 Wed 2300 (GG)            |
| 2626.0 | E10 | FTJ 26 CENMS USB 24/07/2000 Mon 2300 (GG)            |
| 2626.0 | E10 | FTJ 26 CENMS (strong signal) USB 29/07/2000 Sat 2300 |
| 2743.0 | E10 | 67 BAEJB USB 17/07/2000 Mon 0008 (GG)                |
| 2844.0 | E10 | in progress USB 19/07/2000 Wed 0008 (GG)             |
| 3150.0 | E10 | PCD2 USB 05/07/2000 Wed 2300 (GG)                    |
| 3150.0 | E10 | PCD2 USB 05/07/2000 Wed 2330 (GG)                    |
| 3150.0 | E10 | PCD2 USB 12/07/2000 Wed 2100 (GG)                    |
| 3150.0 | E10 | PCD2 USB 15/07/2000 Sat 2330 (GG)                    |
| 3150.0 | E10 | PCD2 USB 16/07/2000 Sun 1930 (GG)                    |
| 3150.0 | E10 | PCD2 USB 19/07/2000 Wed 2230 (GG)                    |
| 3150.0 | E10 | PCD2 USB 19/07/2000 Wed 2300 (GG)                    |
| 3150.0 | E10 | PCD2 USB 21/07/2000 Fri 2300 (GG)                    |
| 3150.0 | E10 | PCD2 USB 21/07/2000 Fri 2330 (GG)                    |
| 3150.0 | E10 | PCD USB 22/07/2000 Sat 0000 (GG)                     |

|        |     |                                                                        |
|--------|-----|------------------------------------------------------------------------|
| 3150.0 | E10 | PCD2 USB 23/07/2000 Sun 2230 (GG)                                      |
| 3150.0 | E10 | PCD2 USB 23/07/2000 Sun 2300 (GG)                                      |
| 3150.0 | E10 | PCD2 USB 24/07/2000 Mon 2300 (GG)                                      |
| 3150.0 | E10 | PCD2 USB 29/07/2000 Sat 2300 (GG)                                      |
| 3195   | MX  | Russian navy Izhevsk. Channelmarker R CW 09/07/2000<br>1841 (CK)       |
| 3270.0 | E10 | KPA2 USB 03/07/2000 Mon 2115 (GG)                                      |
| 3270.0 | E10 | KPA2 USB 05/07/2000 Wed 2315 (GG)                                      |
| 3292.0 | V2a | Atencion 81221 54013 62521 AM 04/07/2000 Tue 0200 (GH)                 |
| 3292.0 | V2a | A 10512 65351 45122 AM 18/07/2000 Tue 0200 (JM4)                       |
| 3292.0 | V2a | In prog, _____ 65371 47122 AM 18/07/2000 Tue 0208 (GH)                 |
| 3337,5 | MX  | Russian navy St Petersburg. Channelmarker L CW<br>09/07/2000 1839 (CK) |
| 3389.2 | V2a | In prog; _____ 62521 AM 04/07/2000 Tue 0107 (GH)                       |
| 3415.0 | E10 | ART 43 KKBHE USB 01/07/2000 Sat 2200 (GG)                              |
| 3415.0 | E10 | ART 32 PXBNO USB 03/07/2000 Mon 2130 (GG)                              |
| 3415.0 | E10 | ART2 USB 07/07/2000 Fri 2230 (GG)                                      |
| 3415.0 | E10 | ART 57 VDAOT USB 10/07/2000 Mon 0130 (GG)                              |
| 3415.0 | E10 | in progress USB 12/07/2000 Wed 0135 (GG)                               |
| 3415.0 | E10 | ART USB 12/07/2000 Wed 2030 (GG)                                       |
| 3415.0 | E10 | ART 17 ASKRG USB 15/07/2000 Sat 2330 (GG)                              |
| 3415.0 | E10 | ART2 USB 16/07/2000 Sun 1930 (GG)                                      |
| 3415.0 | E10 | in progress USB 19/07/2000 Wed 0008 (GG)                               |
| 3415.0 | E10 | in progress USB 19/07/2000 Wed 2212 (GG)                               |
| 3415.0 | E10 | ART2 USB 19/07/2000 Wed 2230 (GG)                                      |
| 3415.0 | E10 | ART 57 VDAOT USB 21/07/2000 Fri 0130 (GG)                              |
| 3415.0 | E10 | ART 39 KGA0J USB 21/07/2000 Fri 2330 (GG)                              |
| 3415.0 | E10 | ART ?? UFTCA USB 22/07/2000 Sat 0000 (GG)                              |
| 3415.0 | E10 | in progress (39 KGA0J) USB 22/07/2000 Sat 2339 (GG)                    |
| 3415.0 | E10 | ART2 USB 23/07/2000 Sun 2230 (GG)                                      |
| 3415.0 | E10 | ART2 USB 29/07/2000 Sat 2230 (GG)                                      |
| 3640.0 | E10 | SYN2 USB 03/07/2000 Mon 2145 (GG)                                      |
| 3640.0 | E10 | SYN2 USB 05/07/2000 Wed 2245 (GG)                                      |
| 3640.0 | E10 | SYN2 USB 07/07/2000 Fri 2245 (GG)                                      |
| 3640.0 | E10 | KPA2 USB 19/07/2000 Wed 2215 (GG)                                      |
| 3640.0 | E10 | KPA2 USB 19/07/2000 Wed 2315 (GG)                                      |
| 3640.0 | E10 | KPA2 USB 21/07/2000 Fri 0215 (GG)                                      |
| 3640.0 | E10 | KPA2 USB 21/07/2000 Fri 2315 (GG)                                      |
| 3640.0 | E10 | KPA2 USB 23/07/2000 Sun 2315 (GG)                                      |
| 3640.0 | E10 | KPA2 USB 24/07/2000 Mon 2315 (GG)                                      |
| 3640.0 | E10 | KPA2 USB 25/07/2000 Tue 0215 (GG)                                      |
| 3640.0 | E10 | KPA2 USB 29/07/2000 Sat 2315 (GG)                                      |
| 3840.0 | E10 | YHF2 USB 03/07/2000 Mon 2130 (GG)                                      |
| 3840.0 | E10 | YHF USB 03/07/2000 Mon 2200 (GG)                                       |
| 3840.0 | E10 | YHF2 USB 12/07/2000 Wed 2100 (GG)                                      |
| 3840.0 | E10 | YHF 113 KCDFI USB 16/07/2000 Sun 1930 (GG)                             |
| 3840.0 | E10 | in progress USB 19/07/2000 Wed 0008 (GG)                               |
| 3840.0 | E10 | YHF2 USB 19/07/2000 Wed 2300 (GG)                                      |

3840.0 E10 YHF USB 23/07/2000 Sun 0000 (GG)  
3840.0 E10 YHF2 USB 23/07/2000 Sun 2300 (GG)  
3840.0 E10 YHF 73 SHTSB USB 24/07/2000 Mon 2300 (GG)  
3840.0 E10 YHF 73 SHTSB USB 29/07/2000 Sat 2300 (GG)  
3927.0 V2a late - into 5FG w/o benefit of call-up AM 09/07/2000  
Sun 0100 (JM4)  
4006.0 M51 NR 54 TO NR 64 CW 24/07/2000 Mon 2000 (CR)  
4014.0 M03 035/00 CW 26/07/2000 Wed 0630 (CR)  
4015.0 E10 VLB2 (still up 2000-07-22 0126) USB 21/07/2000 Fri 2245  
4015.0 E10 VLB2 (still up 2000-07-22 0126) USB 21/07/2000 Fri 2245  
4015.0 E10 VLB2 USB 22/07/2000 Sat 2345 (GG)  
4015.0 E10 VLB2 USB 29/07/2000 Sat 2245 (GG)  
4015.0 E10 VLB2 USB 31/07/2000 Mon 0145 (GG)  
4016.5 M8a In prog, weak CW 15/07/2000 Sat 0302 (GH)  
4016.5 M8a GUNWN IWWND IIMTA (84252 75523 77901) CW 17/07/2000 Mon  
0300 (GH)  
4017.0 V2a In prog, barely audible AM 07/07/2000 Fri 0425 (GH)  
4027.5 M8a NIIMD DMRRA ARIDA (27793 39661 16731) CW 04/07/2000 Tue  
0300 (GH)  
4028.0 V2a? Faint carrier, nothing aud. AM 20/07/2000 Thu 0600 (GH)  
4028.0 V2a? Weak carrier, nothing aud. by :16 AM 21/07/2000 Fri  
4035.0 V2a In prog, weak; fast uno AM 20/07/2000 Thu 0500 (GH)  
4165.0 E10 VLB2 USB 03/07/2000 Mon 2145 (GG)  
4165.0 E10 VLB2 USB 05/07/2000 Wed 2245 (GG)  
4165.0 E10 VLB2 USB 07/07/2000 Fri 2245 (GG)  
4165.0 E10 VLB2 USB 10/07/2000 Mon 0145 (GG)  
4165.0 E10 SYN2 with VLB2 in bkg USB 15/07/2000 Sat 2345 (GG)  
4165.0 E10 VLB2 with SYN2 in bkg USB 15/07/2000 Sat 2345 (GG)  
4165.0 E10 SYN2 USB 16/07/2000 Sun 1945 (GG)  
4165.0 E10 SYN2 USB 19/07/2000 Wed 2245 (GG)  
4165.0 E10 SYN2 USB 21/07/2000 Fri 0145 (GG)  
4165.0 E10 SYN2 USB 21/07/2000 Fri 2245 (GG)  
4165.0 E10 SYN2 USB 21/07/2000 Fri 2345 (GG)  
4165.0 E10 SYN2 USB 22/07/2000 Sat 2345 (GG)  
4165.0 E10 SYN2 USB 29/07/2000 Sat 2245 (GG)  
4173.5 M8a? Nothing aud. by :12 CW 20/07/2000 Thu 0500 (GH)  
4270.0 E10 PCD 2 msgs (among them 13 PDYWH) USB 01/07/2000 Sat  
2200 (GG)  
4270.0 E10 PCD2 USB 03/07/2000 Mon 2130 (GG)  
4270.0 E10 PCD USB 03/07/2000 Mon 2200 (GG)  
4270.0 E10 PCD2 USB 05/07/2000 Wed 2300 (GG)  
4270.0 E10 PCD2 USB 05/07/2000 Wed 2330 (GG)  
4270.0 E10 PCD 16 MVI?0 USB 12/07/2000 Wed 2030 (GG)  
4270.0 E10 PCD2 USB 12/07/2000 Wed 2100 (GG)  
4270.0 E10 PCD2 USB 15/07/2000 Sat 2330 (GG)  
4270.0 E10 PCD2 USB 16/07/2000 Sun 1930 (GG)  
4270.0 E10 48 GRTQC USB 19/07/2000 Wed 0008 (GG)  
4270.0 E10 PCD2 USB 19/07/2000 Wed 2230 (GG)

4270.0 E10 PCD2 USB 19/07/2000 Wed 2300 (GG)  
 4270.0 E10 PCD2 USB 21/07/2000 Fri 2300 (GG)  
 4270.0 E10 PCD2 USB 21/07/2000 Fri 2330 (GG)  
 4270.0 E10 PCD USB 22/07/2000 Sat 0000 (GG)  
 4270.0 E10 PCD 48 GRTQC USB 23/07/2000 Sun 0000 (GG)  
 4270.0 E10 PCD2 USB 23/07/2000 Sun 2230 (GG)  
 4270.0 E10 PCD2 USB 23/07/2000 Sun 2300 (GG)  
 4270.0 E10 PCD2 USB 24/07/2000 Mon 2300 (GG)  
 4270.0 E10 PCD2 USB 29/07/2000 Sat 2300 (GG)  
 4360.0 E10 KPA2 USB 03/07/2000 Mon 2115 (GG)  
 4360.0 E10 KPA2 USB 05/07/2000 Wed 2315 (GG)  
 4360.0 E10 KPA2 USB 12/07/2000 Wed 2115 (GG)  
 4360.0 E10 MIW2 USB 16/07/2000 Sun 0015 (GG)  
 4360.0 E10 MIW2 USB 19/07/2000 Wed 2215 (GG)  
 4360.0 E10 MIW2 USB 19/07/2000 Wed 2315 (GG)  
 4360.0 E10 MIW2 USB 21/07/2000 Fri 0215 (GG)  
 4360.0 E10 MIW2 USB 21/07/2000 Fri 2315 (GG)  
 4360.0 E10 MIW2 USB 23/07/2000 Sun 2315 (GG)  
 4360.0 E10 MIW2 USB 24/07/2000 Mon 2315 (GG)  
 4360.0 E10 MIW2 USB 25/07/2000 Tue 0215 (GG)  
 4360.0 E10 MIW2 USB 29/07/2000 Sat 2315 (GG)  
 4461.0 E10 FTJ 78 TSLAE USB 01/07/2000 Sat 2200 (GG)  
 4461.0 E10 in progress USB 03/07/2000 Mon 2122 (GG)  
 4461.0 E10 FTJ 2 msgs: 24 WMEJG/17 RXNAH USB 03/07/2000 Mon 2130 (GG)  
 4461.0 E10 YHF 32 UUA EK USB 05/07/2000 Wed 2300 (GG)  
 4461.0 E10 FTJ USB 12/07/2000 Wed 2100 (GG)  
 4461.0 E10 FTJ 51 OTLZY USB 15/07/2000 Sat 2330 (GG)  
 4461.0 E10 FTJ was out at 1935 USB 16/07/2000 Sun 1930 (GG)  
 4461.0 E10 in progress USB 19/07/2000 Wed 2212 (GG)  
 4461.0 E10 FTJ 26 CENMS USB 19/07/2000 Wed 2300 (GG)  
 4461.0 E10 FTJ USB 21/07/2000 Fri 2300 (GG)  
 4461.0 E10 YHF 51 OTLZY USB 21/07/2000 Fri 2330 (GG)  
 4461.0 E10 in progress (51 OTLZY) USB 22/07/2000 Sat 2339 (GG)  
 4461.0 E10 FTJ 26 CENMS USB 29/07/2000 Sat 2300 (GG)  
 4461.0 E10a FTJ3 USB 05/07/2000 Wed 2330 (GG)  
 4463.0 E10 FTJ2 USB 12/07/2000 Wed 2030 (GG)  
 4463.0 E10 FTJ 26 CENMS USB 24/07/2000 Mon 2300 (GG)  
 4478.5 M8a In prog, v. weak CW 15/07/2000 Sat 0302 (GH)  
 4479.0 V2a A 54595 05802 94561 AM 12/07/2000 Wed 0300 (JM4)  
 4490.0 M14A 263 174 174 90 90 263 907 907 51 51 CW 10/07/2000 Mon 1900 (CR)  
 4490.0 M14A 263 409 409 81 81 263 748 748 59 59 CW 17/07/2000 Mon 1900 (CR)  
 4490.0 M24A 263 145 145 90 90 263 789 789 51 51 CW 24/07/2000 Mon 1900 (CR)  
 4506.5 M8a In prog, weak/noisy CW 07/07/2000 Fri 0425 (GH)  
 4560.0 E10 YHF2 USB 03/07/2000 Mon 2130 (GG)

4560.0 E10 YHF2 USB 05/07/2000 Wed 2300 (GG)  
 4560.0 E10 YHF2 USB 12/07/2000 Wed 2030 (GG)  
 4560.0 E10 YHF2 USB 12/07/2000 Wed 2100 (GG)  
 4560.0 E10 YHF 113 KCDFI USB 16/07/2000 Sun 1930 (GG)  
 4560.0 E10 YHF2 USB 19/07/2000 Wed 2300 (GG)  
 4560.0 E10 YHF2 USB 23/07/2000 Sun 2300 (GG)  
 4560.0 E10 YHF 73 SHTSB USB 24/07/2000 Mon 2300 (GG)  
 4560.0 E10 YHF 39 DPGXT USB 25/07/2000 Tue 0230 (GG)  
 4560.0 E10 YHF 73 SHTSB USB 29/07/2000 Sat 2300 (GG)  
 4605.0 M14A 560 192 192 73 73 560 842 842 67 67 CW 21/07/2000 Fri  
 1900 (CR)  
 4625.0 S28 The Buzzer USB 01/07/2000 Sat 0100 (JM4)  
 4635 E05 TCS. 872 counts 1-0 AM 21/07/2000 Fri 0004 (MADX)  
 4635.0 E05 faint USB 19/07/2000 Wed 0009 (GG)  
 4635.0 E05 Call ?72 Count 160 761/54 ... USB 20/07/2000 Thu 0000  
 4635.0 E05 Call 876 Count 160 ?61/54 ... USB 21/07/2000 Fri 0000  
 4635.0 E5 //5812 rptg 872 Count 160 USB 18/07/2000 Tue 0000 (JM4)  
 4635.0 E5 In prog //5812 AM 18/07/2000 Tue 0029 (GH)  
 4638.0 M13B 175 175 175 000 = 218 20 = CW 08/07/2000 Sat 2100 (CR)  
 4638.0 M13B 175 175 175 000 = 218 20 = CW 22/07/2000 Sat 2100 (CR)  
 4691.0 M13 522 = 192 20 = CW 20/07/2000 Thu 2100 (CR)  
 4780.0 E10 SYN2 USB 05/07/2000 Wed 2245 (GG)  
 4780.0 E10 SYN2 USB 07/07/2000 Fri 2245 (GG)  
 4780.0 E10 SYN2 USB 15/07/2000 Sat 2345 (GG)  
 4780.0 E10 MIW2 USB 16/07/2000 Sun 0015 (GG)  
 4780.0 E10 KPA2 USB 19/07/2000 Wed 2215 (GG)  
 4780.0 E10 KPA2 USB 19/07/2000 Wed 2315 (GG)  
 4780.0 E10 KPA2 USB 21/07/2000 Fri 0215 (GG)  
 4780.0 E10 KPA2 USB 21/07/2000 Fri 2315 (GG)  
 4780.0 E10 KPA2 USB 23/07/2000 Sun 0015 (GG)  
 4780.0 E10 KPA2 USB 23/07/2000 Sun 2315 (GG)  
 4780.0 E10 KPA2 USB 24/07/2000 Mon 2315 (GG)  
 4780.0 E10 KPA2 USB 25/07/2000 Tue 0215 (GG)  
 4780.0 E10 KPA2 USB 29/07/2000 Sat 2315 (GG)  
 4780.0 E10 SYN2 USB 31/07/2000 Mon 0145 (GG)  
 4782.0 M10 555 619 35 071 35 CW 10/07/2000 Mon 2100 (CR)  
 4782.0 M10 555 619 40 071 28 CW 17/07/2000 Mon 2100 (CR)  
 4782.0 M10 555 619 40 071 28 CW 19/07/2000 Wed 2100 (CR)  
 4782.0 M10 555 619 33 071 27 CW 24/07/2000 Mon 2100 (CR)  
 4782.0 M10 555 619 33 071 27 CW 26/07/2000 Wed 2100 (CR)  
 4880.0 E10 ULX2 USB 01/07/2000 Sat 2200 (GG)  
 4880.0 E10 ULX USB 03/07/2000 Mon 2130 (GG)  
 4880.0 E10 ULX2 USB 03/07/2000 Mon 2200 (GG)  
 4880.0 E10 ULX 35 PHSEV USB 05/07/2000 Wed 2300 (GG)  
 4880.0 E10 ULX2 USB 07/07/2000 Fri 2230 (GG)  
 4880.0 E10 ULX USB 12/07/2000 Wed 2030 (GG)  
 4880.0 E10 ULX ?2 RMITR USB 12/07/2000 Wed 2100 (GG)  
 4880.0 E10 ULX 45 IJTNY USB 16/07/2000 Sun 1930 (GG)



4880.0 E10 67 BAEJB USB 17/07/2000 Mon 0008 (GG)  
 4880.0 E10 in progress USB 17/07/2000 Mon 1836 (GG)  
 4880.0 E10 ULX2 USB 19/07/2000 Wed 2230 (GG)  
 4880.0 E10 ULX2 USB 19/07/2000 Wed 2300 (GG)  
 4880.0 E10 ULX 10 JQNPJ USB 21/07/2000 Fri 0200 (GG)  
 4880.0 E10 ULX 108 CIPNX USB 21/07/2000 Fri 2300 (GG)  
 4880.0 E10 ULX2 USB 23/07/2000 Sun 2230 (GG)  
 4880.0 E10 ULX 74 PCOVE USB 23/07/2000 Sun 2300 (GG)  
 4880.0 E10 ULX 74 PCOVE USB 24/07/2000 Mon 2300 (GG)  
 4880.0 E10 ULX USB 25/07/2000 Tue 0200 (GG)  
 4880.0 E10 in progress USB 25/07/2000 Tue 0235 (GG)  
 4880.0 E10 ULX ?? DFLEL USB 29/07/2000 Sat 1830 (GG)  
 4880.0 E10 ULX 55 DMSGD USB 29/07/2000 Sat 2230 (GG)  
 4880.0 E10 ULX 74 PCOVE USB 29/07/2000 Sat 2300 (GG)  
 4880.0 E10 ULX ?? JQNPJ USB 31/07/2000 Mon 0200 (GG)  
 4905.0 M01 582 582 30 30 = = LG 10029 CW 11/07/2000 Tue 2000 (CR)  
 4905.0 M01 025 404 404 33 33 LG 13032 CW 13/07/2000 Thu 2000 (CR)  
 4905.0 M01 025 116 116 35 35 = = LG 18034 CW 18/07/2000 Tue 2000  
 (CR)  
 4905.0 M01 025 580 580 30 30 = = LG 19029 CW 20/07/2000 Thu 2000  
 (CR)  
 4905.0 M01 025 614 614 34 34 = = CW 25/07/2000 Tue 2000 (CR)  
 4950.0 M01 025 571 35 = = LG 27034 CW 27/07/2000 Thu 2000 (CR)  
 4960.0 M24A 362 475 475 91 91 362 158 158 49 49 CW 26/07/2000 Wed  
 1900 (CR)  
 4970.0 M24A 362 364 364 91 91 362 841 841 50 50 = = CW 12/07/2000  
 Wed 1900 (CR)  
 5019.0 M10E 111 28217 20 45495 17 43869 19 34425 18 CW  
 27/07/2000 Thu 0900 (CR)  
 5019.0 M10E 111 97258 21 37463 15 53722 19 29567 18 CW 28/07/2000  
 Fri 0900 (CR)  
 5047.0 V2a In prog, v. weak AM 16/07/2000 Sun 0605 (GH)  
 5060.10 AL1 US FBI 125bd MIL- 29/04/2000 0132 (MC)  
 5060.10 AT1 US FBI Atlanta 125bd MIL- 29/04/2000 0131 (MC)  
 5090.0 M03 040/00 Rpt of 1997/8/9 CW 10/07/2000 Mon 0700 (CR)  
 5091.0 E10 JSR 43 CJRLE USB 01/07/2000 Sat 2200 (GG)  
 5091.0 E10 JSR 2 msgs: 22 DFHTG/27 LYXGW USB 03/07/2000 Mon 2130  
 (GG)  
 5091.0 E10 JSR USB 03/07/2000 Mon 2200 (GG)  
 5091.0 E10 JSR 64 GRTYA USB 07/07/2000 Fri 2230 (GG)  
 5091.0 E10 JSR USB 12/07/2000 Wed 2030 (GG)  
 5091.0 E10 JSR 16 GQIRV fast delivery USB 12/07/2000 Wed 2100 (GG)  
 5091.0 E10 JSR USB 16/07/2000 Sun 1930 (GG)  
 5091.0 E10 JSR 9 QQIDO USB 16/07/2000 Sun 1930 (GG)  
 5091.0 E10 JSR USB 17/07/2000 Mon 1800 (GG)  
 5091.0 E10 in progress USB 17/07/2000 Mon 1836 (GG)  
 5091.0 E10 JSR 108 KOZSJ USB 19/07/2000 Wed 2230 (GG)  
 5091.0 E10 JSR 108 KOZSJ USB 23/07/2000 Sun 2230 (GG)

5091.0 E10 JSR 116 KCX?? USB 29/07/2000 Sat 1830 (GG)  
5091.0 E10 JSR 108 KOZSJ USB 29/07/2000 Sat 2230 (GG)  
5116.5 M8a \_\_\_\_\_ MAWID UNUUD (\_\_\_\_\_ 91573 42442) CW 21/07/2000 Fri  
0200 (GH)  
5120.0 M03 041/00 CW 11/07/2000 Tue 0730 (CR)  
5120.0 M03 041/00 CW 25/07/2000 Tue 0730 (CR)  
5170.0 E10 //8465 MIW2 USB 01/07/2000 Sat 0115 (JM4)  
5170.0 E10 MIW2 USB 01/07/2000 Sat 0215 (JM4)  
5170.0 E10 MIW2 USB 03/07/2000 Mon 2115 (GG)  
5170.0 E10 MIW2 USB 05/07/2000 Wed 2315 (GG)  
5170.0 E10 //8465 MIW2 USB 12/07/2000 Wed 0115 (JM4)  
5170.0 E10 MIW2 USB 12/07/2000 Wed 2115 (GG)  
5170.0 E10 //8465 MIW2 USB 13/07/2000 Thu 0215 (JM4)  
5170.0 E10 VLB2 USB 21/07/2000 Fri 0145 (GG)  
5170.0 E10 VLB2 (still up 2000-07-22 0126) USB 21/07/2000 Fri 2245  
5170.0 E10 VLB2 (still up 2000-07-22 0126) USB 21/07/2000 Fri 2245  
5170.0 E10 VLB2 USB 22/07/2000 Sat 2345 (GG)  
5170.0 E10 //6912 VLB2 USB 24/07/2000 Mon 0045 (JM4)  
5170.0 E10 //6912 VLB2 USB 24/07/2000 Mon 0145 (JM4)  
5170.0 E10 VLB2 USB 29/07/2000 Sat 2245 (GG)  
5170.0 E10 VLB2 USB 31/07/2000 Mon 0145 (GG)  
5175.0 E05 Call 719 Count 209 698/16 ... strong USB 15/07/2000 Sat  
1800 (GG)  
5175.0 E05 Call 719 Count 209 198/16 USB 29/07/2000 Sat 1800 (GG)  
5180.0 M03 047/00 CW 26/07/2000 Wed 1030 (CR)  
5180.0 M51 NR 90 to NR 15 CW 14/07/2000 Fri 1000 (CR)  
5180.0 M51 NR 38 to NR 62 CW 19/07/2000 Wed 0600 (CR)  
5180.0 S12 971/00 USB 19/07/2000 Wed 2100 (CR)  
5220.0 M01B 719 772 772 24 24 = = LG 10023 CW 10/07/2000 Mon 1718  
(CR)  
5220.0 M01B 719 772 772 34 34 = = CW 26/07/2000 Wed 1718 (CR)  
5220.0 M01B 719 772 772 34 34 = = LG 10033 CW 24/07/2000 Mon 1718  
(CR)  
5230.0 E10 VLB2 USB 03/07/2000 Mon 2145 (GG)  
5230.0 E10 VLB2 USB 05/07/2000 Wed 2245 (GG)  
5230.0 E10 VLB2 USB 07/07/2000 Fri 2245 (GG)  
5230.0 E10 VLB2 USB 10/07/2000 Mon 0145 (GG)  
5230.0 E10 //7605 VLB2 USB 12/07/2000 Wed 0145 (JM4)  
5230.0 E10 //7605 VLB2 USB 13/07/2000 Thu 0145 (JM4)  
5230.0 E10 //7605 VLB2 USB 14/07/2000 Fri 0245 (JM4)  
5230.0 E10 //8465 VLB2 USB 15/07/2000 Sat 0245 (JM4)  
5230.0 E10 VLB2 USB 15/07/2000 Sat 2345 (GG)  
5230.0 E10 MIW2 USB 19/07/2000 Wed 2215 (GG)  
5230.0 E10 MIW2 USB 19/07/2000 Wed 2315 (GG)  
5230.0 E10 //6370 MIW2 USB 20/07/2000 Thu 0215 (JM4)  
5230.0 E10 MIW2 USB 21/07/2000 Fri 0215 (GG)  
5230.0 E10 MIW2 USB 21/07/2000 Fri 2315 (GG)  
5230.0 E10 MIW2 USB 23/07/2000 Sun 0015 (GG)

5230.0 E10 VLB2 USB 23/07/2000 Sun 2019 (MH)  
5230.0 E10 MIW2 USB 23/07/2000 Sun 2315 (GG)  
5230.0 E10 MIW2 USB 24/07/2000 Mon 2315 (GG)  
5230.0 E10 MIW2 USB 25/07/2000 Tue 0215 (GG)  
5230.0 E10 MIW2 USB 29/07/2000 Sat 2315 (GG)  
5238 E05 731 count 18 // 5812 kHz AM 12/07/2000 (JM4)  
5238.0 E05 Call 256 Count 115 264/60 ... USB 30/07/2000 Sun 0300  
5238.0 E5 //5812 rptg 731 Count 18 AM 12/07/2000 Wed 0300 (JM4)  
5238.0 E5 //5812 rptg 731 Count 18 AM 14/07/2000 Fri 0300 (JM4)  
5238.0 E5 //5812 rptg 731 Count 18 AM 19/07/2000 Wed 0300 (JM4)  
5238.0 E5 //5812 rptg 731 Count 18 AM 23/07/2000 Sun 0300 (JM4)  
5240.0 ? english lady, 3/2 format AM 02/07/2000 Sun 0320 (NK)  
5240.0 ?? 3/2FG/EE/YL - V. Strong S9+45db AM 23/07/2000 Sun 0300  
(TS2)  
5277.0 M83 JPTP VVVVV VVVVV VVVVV AR CW 08/07/2000 Sat 1815 (CR)  
5277.0 M83 JPTP VVVVV VVVVV VVVVV AR CW 10/07/2000 Mon 0658 (CR)  
5277.0 M83 L8KT DE J2V4 QTC 120 10 0902 = CW 10/07/2000 Mon 0702  
(CR)  
5280.0 M01 025 318 318 32 32 = = LG 10031 CW 11/07/2000 Tue 1800  
(CR)  
5280.0 M01 025 118 118 35 35 = = LG 13034 CW 13/07/2000 Thu 1800  
(CR)  
5280.0 M01 025 836 836 31 31 = = CW 18/07/2000 Tue 1800 (CR)  
5280.0 M01 025 816 816 36 36 = = LG 19035 CW 20/07/2000 Thu 1800  
(CR)  
5280.0 M01 025 107 107 31 31 = = LG 25030 CW 25/07/2000 Tue 1800  
(CR)  
5280.0 M01 025 CW 27/07/2000 Thu 1800 (CR)  
5310.0 M29 VDE 38 38 32 32 24 24 1000 1000 CW 24/07/2000 Mon 0800  
(CR)  
5325.0 M01B 871 177 177 40 40 = = CW 21/07/2000 Fri 2102 (CR)  
5325.0 M83 L8KT DE J2V4 QTC 320 11 0912 CW 11/07/2000 Tue 0712  
(CR)  
5325.0 M83 ICJM DE J2V4 562 367 027 067 467 464 CW 12/07/2000 Wed  
0704 (CR)  
5325.0 M83 L8KT DE J2V4 134 QTC 620130932 CW 13/07/2000 Thu 0732  
(CR)  
5325.0 M83 L8KT DE J2V4 QTC AR CW 14/07/2000 Fri 0707 (CR)  
5339.0 E10 SYN2 USB 21/07/2000 Fri 2345 (GG)  
5339.0 E10 SYN2 USB 22/07/2000 Sat 2345 (GG)  
5339.0 E10 SYN2 USB 29/07/2000 Sat 2245 (GG)  
5360 G04 unscheduled transmission AM 06/07/2000 1952 (PB)  
5360 G04 60349? AM 06/07/2000 2005 (PB)  
5360 G04 60329 AM 09/07/2000 2005 (PB)  
5360 G04 AM 30/07/2000 2005 (PB)  
5360.0 G4 60325 AM 13/07/2000 Thu 2005 (MH)  
5360.0 G4 60325 AM 16/07/2000 Sun 2005 (MH)  
5365.0 M03 211/00 CW 11/07/2000 Tue 0815 (CR)

5365.0 M03 041/00 CW 21/07/2000 Fri 0800 (CR)  
5365.0 M03 211/00 CW 25/07/2000 Tue 0815 (CR)  
5365.0 M03 041/00 CW 28/07/2000 Fri 0800 (CR)  
5410.0 M29 VDE 38 38 32 32 24 24 1000 1000 CW 24/07/2000 Mon 0830 (CR)  
5417.0 V2a Atencion 65372 04683 20783; tape dropouts AM 21/07/2000 Fri 0200 (GH)  
5419.5 M8a WRGAN UAAUN IDNGA (56812 41142 73281) CW 15/07/2000 Sat 0200 (GH)  
5420.0 Groups of 5 \*letters\* (!); IIMTA repeated five times at various points; terminat CW 17/07/2000 Mon 0012 (AL)  
5435.0 E10 ??? in progress USB 01/07/2000 Sat 0145 (JM4)  
5435.0 E10 ART 43 KKBHE USB 01/07/2000 Sat 2200 (GG)  
5435.0 E10 ART 32 PXBNO USB 03/07/2000 Mon 2130 (GG)  
5435.0 E10 ART USB 03/07/2000 Mon 2200 (GG)  
5435.0 E10 ART2 USB 07/07/2000 Fri 2230 (GG)  
5435.0 E10 ART 57 VDAOT USB 10/07/2000 Mon 0130 (GG)  
5435.0 E10 in progress USB 12/07/2000 Wed 0135 (GG)  
5435.0 E10 ART USB 12/07/2000 Wed 2030 (GG)  
5435.0 E10 ART 69 NIQOU USB 12/07/2000 Wed 2100 (GG)  
5435.0 E10 in progress USB 14/07/2000 Fri 2017 (MH)  
5435.0 E10 ART 17 ASKRG USB 15/07/2000 Sat 2330 (GG)  
5435.0 E10 ART2 USB 16/07/2000 Sun 1930 (GG)  
5435.0 E10 in progress USB 19/07/2000 Wed 0008 (GG)  
5435.0 E10 in progress USB 19/07/2000 Wed 2212 (GG)  
5435.0 E10 ART2 USB 19/07/2000 Wed 2230 (GG)  
5435.0 E10 ART 57 VDAOT USB 21/07/2000 Fri 0130 (GG)  
5435.0 E10 ART 39 KGA0J USB 21/07/2000 Fri 2330 (GG)  
5435.0 E10 ART ?? UFTCA USB 22/07/2000 Sat 0000 (GG)  
5435.0 E10 in progress (39 KGA0J) USB 22/07/2000 Sat 2339 (GG)  
5435.0 E10 ART USB 23/07/2000 Sun 0000 (GG)  
5435.0 E10 in progress USB 23/07/2000 Sun 2017 (MH)  
5435.0 E10 ART2 USB 23/07/2000 Sun 2230 (GG)  
5435.0 E10 in progress USB 24/07/2000 Mon 2208 (GG)  
5435.0 E10 ART2 USB 29/07/2000 Sat 2230 (GG)  
5435.0 E10 in progress USB 31/07/2000 Mon 0140 (GG)  
5437.0 E10 in progress USB 17/07/2000 Mon 1836 (GG)  
5460 G04 unscheduled transmission AM 06/07/2000 2023 (PB)  
5460 G04 60349 AM 06/07/2000 2035 (PB)  
5460 G04 60329 AM 09/07/2000 2035 (PB)  
5460.0 G04 USB 27/07/2000 Thu 2030 (GG)  
5460.0 G4 60325 AM 02/07/2000 Sun 2035 (MH)  
5460.0 G4 AM 13/07/2000 Thu 2035 (MH)  
5460.0 G4 60325 AM 16/07/2000 Sun 2035 (MH)  
5466.0 M13 378 = 225 22 = CW 17/07/2000 Mon 2100 (CR)  
5471.0 M10 383 32 CW 13/07/2000 Thu 1700 (CR)  
5472.0 M10 555 928 29 CW 26/07/2000 Wed 1700 (CR)  
5474.0 M45 074 631 631 30 30m = = CW 11/07/2000 Tue 1702 (CR)

5474.0 M45 074 631 631 30 30 = = CW 20/07/2000 Thu 1703 (CR)  
 5474.0 M45 074 631 631 30 30 = = CW 25/07/2000 Tue 1702 (CR)  
 5520.0 M01B 719 772 772 34 34 = = LG 10033 CW 19/07/2000 Wed 1718  
 (CR)  
 5520.0 M03 017/00 CW 13/07/2000 Thu 0800 (CR)  
 5520.0 M03 040/00 CW 14/07/2000 Fri 0730 (CR)  
 5520.0 M03 017/00 CW 20/07/2000 Thu 0800 (CR)  
 5520.0 M03 040/00 CW 21/07/2000 Fri 0730 (CR)  
 5520.0 M03 011/00 CW 27/07/2000 Thu 0900 (CR)  
 5520.0 M03 040/00 CW 28/07/2000 Fri 0730 (CR)  
 5620.0 M14A 560 782 93 560 923 47 CW 14/07/2000 Fri 1900 (CR)  
 5650.0 M29 VDE 78 78 33 33 10 10 0800 0800 CW 10/07/2000 Mon 0600  
 (CR)  
 5650.0 M29 VDE 78 78 33 33 10 10 0800 0800 = = CW 11/07/2000 Tue  
 0600 (CR)  
 5650.0 M29 VDE 17 17 34 34 24 24 0800 0800 CW 24/07/2000 Mon 0600  
 (CR)  
 5650.0 M29 VDE 17 17 34 34 24 24 0800 0800 CW 25/07/2000 Tue 0600  
 (CR)  
 5686.0 M13 346 = 188 23 = CW 25/07/2000 Tue 2100 (CR)  
 5737.0 M01B 931 177 177 40 40 = = CW 13/07/2000 Thu 2032 (CR)  
 5737.0 M01B 931 177 177 40 40 = = CW 20/07/2000 Thu 2032 (CR)  
 5737.0 M01B 931 177 177 40 40 = = CW 27/07/2000 Thu 2032 (CR)  
 5750 G07 531 2 5fgs AM 31/07/2000 2105 (PB)  
 5750.0 G07 Repeat of 2030 AM 10/07/2000 Mon 2050 (CR)  
 5750.0 M29 VDE 78 78 33 33 10 10 0800 0800 = = CW 11/07/2000 Tue  
 0630 (CR)  
 5760.0 M29 VDE 48 48 25 25 9 9 2200 2200 CW 09/07/2000 Sun 2000  
 5760.0 M29 VDE 48 48 25 25 9 9 2200 2200 CW 12/07/2000 Wed 2000  
 (CR)  
 5760.0 M29 VDE 82 82 28 28 16 16 2200 2200 = CW 19/07/2000 Wed  
 2000 (CR)  
 5760.0 M29 VDE 73 73 24 24 23 23 2200 2200 CW 23/07/2000 Sun 2000  
 (CR)  
 5760.0 M29 VDE 73 73 24 24 23 23 2200 2200 CW 26/07/2000 Wed 2000  
 (CR)  
 5762.0 V02 Atencion 15441 84551 51841 USB 22/07/2000 Sat 0200 (GG)  
 5762.0 V2a Dr. Gene Scott QRM plus M8a audio mixing AM 01/07/2000  
 Sat 0200 (JM4)  
 5762.0 V2a A 04483 25432 51413 AM 15/07/2000 Sat 0200 (JM4)  
 5762.0 V2a? Carrier, nothing aud. by :05 AM 15/07/2000 Sat 0200  
 5800.0 V2a In prog, weak AM 03/07/2000 Mon 0326 (GH)  
 5800.0 V2a? Carrier, nothing aud. AM 17/07/2000 Mon 0311 (GH)  
 5812.0 E05 Count 160 761/54 ... USB 19/07/2000 Wed 0009 (GG)  
 5812.0 E05 Call ?72 Count 160 761/54 ... USB 20/07/2000 Thu 0000  
 5812.0 E5 //5238 rptg 731 Count 18 AM 12/07/2000 Wed 0300 (JM4)  
 5812.0 E5 //5238 rptg 731 Count 18 AM 14/07/2000 Fri 0300 (JM4)  
 5812.0 E5 //4635 rptg 872 Count 160 USB 18/07/2000 Tue 0000 (JM4)

5812.0 E5 In prog //4635 AM 18/07/2000 Tue 0029 (GH)  
5812.0 E5 //5238 rptg 731 Count 18 AM 19/07/2000 Wed 0300 (JM4)  
5812.0 E5 //5238 rptg 731 Count 18 AM 23/07/2000 Sun 0300 (JM4)  
5815.0 M01B 729 177 177 40 40 = = CW 10/07/2000 Mon 2010 (CR)  
5815.0 M01B 729 177 177 40 40 = = LG 10039 CW 17/07/2000 Mon 2010 (CR)  
5815.0 M01B 729 177 177 40 40 = = // 6769 CW 24/07/2000 Mon 2010  
5820.0 E10 YHF USB 01/07/2000 Sat 2200 (GG)  
5820.0 E10 YHF USB 03/07/2000 Mon 2200 (GG)  
5820.0 E10 in progress USB 12/07/2000 Wed 0208 (GG)  
5820.0 E10 YHF2 USB 12/07/2000 Wed 2030 (GG)  
5820.0 E10 YHF 2 msgs: 87 BSYFL/ 33 YNUKD USB 17/07/2000 Mon 1800 (GG)  
5820.0 E10 YHF 2 msgs: 88 KKBOQ/39 SZTDG USB 21/07/2000 Fri 0130 (GG)  
5820.0 E10 YHF 2 msgs: 51 YEUEQ/97 XIAMZ USB 21/07/2000 Fri 0200 (GG)  
5820.0 E10 YHF 2 msgs: 51 YEUEQ/97 XIAMZ USB 25/07/2000 Tue 0200 (GG)  
5820.0 E10 YHF 39 DPGXT USB 25/07/2000 Tue 0230 (GG)  
5820.0 E10 in progress USB 31/07/2000 Mon 0140 (GG)  
5820.0 E10 YHF USB 31/07/2000 Mon 0200 (GG)  
5870.0 M51 NR 30 to NR 48 CW 11/07/2000 Tue 0630 (CR)  
5870.0 M51 NR 66 to NR 81 CW 14/07/2000 Fri 0700 (CR)  
5870.0 M51 NR 07 to NR 17 CW 18/07/2000 Tue 0700 (CR)  
5870.0 M51 NR 27 TO NR 51 CW 21/07/2000 Fri 0550 (CR)  
5870.0 M51 NR 68 TO NR 85 CW 25/07/2000 Tue 0700 (CR)  
5900.0 E5 In prog; freq approx. AM 17/07/2000 Mon 0036 (BM)  
5946.0 M10 383 32 CW 13/07/2000 Thu 1900 (CR)  
6270.0 E10 //7760 ULX (44) EILTI USB 01/07/2000 Sat 0100 (JM4)  
6270.0 E10 ULX2 USB 01/07/2000 Sat 2200 (GG)  
6270.0 E10 ULX2 USB 03/07/2000 Mon 2200 (GG)  
6270.0 E10 ULX 35 PHSEV USB 05/07/2000 Wed 2300 (GG)  
6270.0 E10 //7760 ULX (44) EILTI USB 07/07/2000 Fri 0100 (JM4)  
6270.0 E10 ULX2 USB 07/07/2000 Fri 2230 (GG)  
6270.0 E10 //7760 ULX (44) EILTI USB 09/07/2000 Sun 0100 (JM4)  
6270.0 E10 in progress AM 10/07/2000 Mon 2115 (MH)  
6270.0 E10 //7760 ULX (44) EILTI USB 12/07/2000 Wed 0100 (JM4)  
6270.0 E10 ULX USB 12/07/2000 Wed 2030 (GG)  
6270.0 E10 ULX ?2 RMITR USB 12/07/2000 Wed 2100 (GG)  
6270.0 E10 //7760 ULX (44) EILTI USB 13/07/2000 Thu 0100 (JM4)  
6270.0 E10 ULX 45 IJTNY USB 16/07/2000 Sun 1930 (GG)  
6270.0 E10 //7760 ULX (44) EILTI USB 17/07/2000 Mon 0100 (JM4)  
6270.0 E10 in progress USB 17/07/2000 Mon 1836 (GG)  
6270.0 E10 UTX AM 17/07/2000 Mon 2100 (MH)  
6270.0 E10 //7760 ULX (44) EILTI USB 18/07/2000 Tue 0100 (JM4)  
6270.0 E10 ULX2 USB 19/07/2000 Wed 2230 (GG)  
6270.0 E10 ULX2 USB 19/07/2000 Wed 2300 (GG)

6270.0 E10 //7760 ULX weak USB 21/07/2000 Fri 0100 (JM4)  
6270.0 E10 ULX 108 CIPNX USB 21/07/2000 Fri 2300 (GG)  
6270.0 E10 ULX2 USB 23/07/2000 Sun 2230 (GG)  
6270.0 E10 ULX 74 PCOVE USB 23/07/2000 Sun 2300 (GG)  
6270.0 E10 //7760 ULX (44) EILTI USB 24/07/2000 Mon 0100 (JM4)  
6270.0 E10 ULX 74 PCOVE USB 24/07/2000 Mon 2300 (GG)  
6270.0 E10 ULX 55 DMSGD USB 29/07/2000 Sat 2230 (GG)  
6270.0 E10 ULX 74 PCOVE USB 29/07/2000 Sat 2300 (GG)  
6283.0 M01B 168 402 402 36 36 = = CW 13/07/2000 Thu 1503 (CR)  
6283.0 M01B 382 105 105 33 33 = = CW 13/07/2000 Thu 1723 (CR)  
6283.0 M01B 382 105 105 33 33 = = LG 03032 CW 18/07/2000 Tue 1725  
(CR)  
6283.0 M01B 382 105 105 33 33 = = CW 20/07/2000 Thu 1723 (CR)  
6283.0 M01B 382 105 105 33 33 = = CW 25/07/2000 Tue 1723 (CR)  
6283.0 M01B 382 105 105 33 33 = = CW 27/07/2000 Thu 1723 (CR)  
6320.0 M01B 043 105 105 33 33 = = CW 20/07/2000 Thu 0723 (CR)  
6320.0 M01B 049 105 105 33 33 = = LG 03032 CW 25/07/2000 Tue 0723  
(CR)  
6320.0 M01B 049 105 105 33 33 = = LG 03032 CW 27/07/2000 Thu 0723  
(CR)  
6330.0 M03 743/00 CW 11/07/2000 Tue 0800 (CR)  
6330.0 M03 554/31 CW 11/07/2000 Tue 0930 (CR)  
6330.0 M03 743/00 CW 25/07/2000 Tue 0800 (CR)  
6330.0 M03 552/00 CW 25/07/2000 Tue 0930 (CR)  
6370.0 E10 KPA2 USB 01/07/2000 Sat 0115 (JM4)  
6370.0 E10 KPA2 USB 01/07/2000 Sat 0215 (JM4)  
6370.0 E10 KPA2 USB 02/07/2000 Sun 1715 (GG)  
6370.0 E10 KPA2 USB 03/07/2000 Mon 0215 (JM4)  
6370.0 E10 KPA2 USB 03/07/2000 Mon 2115 (GG)  
6370.0 E10 KPA2 USB 05/07/2000 Wed 2315 (GG)  
6370.0 E10 KPA2 USB 07/07/2000 Fri 0115 (JM4)  
6370.0 E10 KPA2 USB 09/07/2000 Sun 0115 (JM4)  
6370.0 E10 KPA2 USB 12/07/2000 Wed 0115 (JM4)  
6370.0 E10 KPA2 USB 12/07/2000 Wed 0215 (JM4)  
6370.0 E10 KPA2 USB 12/07/2000 Wed 2115 (GG)  
6370.0 E10 KPA2 USB 13/07/2000 Thu 0215 (JM4)  
6370.0 E10 KPA2 USB 15/07/2000 Sat 0215 (JM4)  
6370.0 E10 MIW2 (changed from 8465) USB 17/07/2000 Mon 0115 (JM4)  
6370.0 E10 MIW2 USB 17/07/2000 Mon 0215 (JM4)  
6370.0 E10 MIW2 USB 18/07/2000 Tue 0115 (JM4)  
6370.0 E10 MIW2 USB 19/07/2000 Wed 2215 (GG)  
6370.0 E10 MIW2 USB 19/07/2000 Wed 2315 (GG)  
6370.0 E10 //5230 MIW2 USB 20/07/2000 Thu 0215 (JM4)  
6370.0 E10 MIW2 USB 21/07/2000 Fri 0215 (GG)  
6370.0 E10 MIW2 USB 21/07/2000 Fri 2315 (GG)  
6370.0 E10 MIW2 USB 23/07/2000 Sun 0015 (GG)  
6370.0 E10 MIW2 USB 23/07/2000 Sun 2315 (GG)  
6370.0 E10 MIW2 USB 24/07/2000 Mon 0015 (JM4)

6370.0 E10 MIW2 USB 24/07/2000 Mon 0115 (JM4)  
6370.0 E10 5LG suddenly in progress USB 24/07/2000 Mon 0215 (JM4)  
6370.0 E10 MIW2 USB 24/07/2000 Mon 2315 (GG)  
6370.0 E10 MIW2 USB 25/07/2000 Tue 0215 (GG)  
6370.0 E10 MIW2 USB 29/07/2000 Sat 2315 (GG)  
6434.0 M01 025 904 904 38 38 CW 08/07/2000 Sat 1500 (CR)  
6434.0 M01 025 424 424 33 33 = = CW 22/07/2000 Sat 1500 (CR)  
6434.0 M01 025 424 424 33 33 = = CW 22/07/2000 Sat 1500 (CR)  
6498.0 E10 PCD USB 03/07/2000 Mon 2200 (GG)  
6498.0 E10 PCD weak USB 07/07/2000 Fri 0030 (JM4)  
6498.0 E10 PCD weak USB 09/07/2000 Sun 0030 (JM4)  
6498.0 E10 48 GRTQC USB 19/07/2000 Wed 0008 (GG)  
6498.0 E10 PCD USB 22/07/2000 Sat 0000 (GG)  
6498.0 E10 PCD 48 GRTQC USB 23/07/2000 Sun 0000 (GG)  
6529.0 V21 OM/SS "Babbler(s)" w/random strings USB 01/07/2000 Sat 0106 (JM4)  
6529.0 V21 OM/SS "Babbler" w/random strings USB 08/07/2000 Sat 2355 (JM4)  
6529.0 V21 OM/SS Babbler USB 12/07/2000 Wed 0055 (JM4)  
6545.0 M13 254 = 200 23 = CW 20/07/2000 Thu 2100 (CR)  
6640.0 M03 214/00 CW 12/07/2000 Wed 0900 (CR)  
6647.0 V8 E9 Music intro. Carrier off 1820. AM 08/07/2000 Sat  
6660.0 M29 VDE 32 32 18 18 1 1 1900 1900 CW 08/07/2000 Sat 1700  
6660.0 M29 VDE 32 32 18 18 1 1 1900 1900 CW 14/07/2000 Fri 1700  
6660.0 M29 VDE 32 32 18 18 1 1 1900 1900 = CW 21/07/2000 Fri 1700 (CR)  
6660.0 M29 32 32 18 18 1 1 1900 1900 CW 28/07/2000 Fri 1700 (CR)  
6750.0 M03 743/00 CW 11/07/2000 Tue 1000 (CR)  
6768.0 V02 Atencion 85033 11193 30433 USB 15/07/2000 Sat 0100 (GG)  
6768.0 V02 Atencion 15441 84551 51841 USB 22/07/2000 Sat 0100 (GG)  
6768.0 V2a into 5FG w/o call-up AM 01/07/2000 Sat 0100 (JM4)  
6768.0 V2a A 15441 84551 51841 AM 21/07/2000 Fri 0100 (JM4)  
6771.7 US Intel UNID System idles ACF=32 (Counting Station preamble) 108.9bd/17 23/04/2000 0106 (MC)  
6778.0 V2a weak/unreadable QRN AM 18/07/2000 Tue 0100 (JM4)  
6780.0 M01 025 211 211 40 40 LG 08039 CW 09/07/2000 Sun 0700 (CR)  
6780.0 M01 025 575 575 33 33 = = CW 23/07/2000 Sun 0700 (CR)  
6782.0 M10 555 383 32 CW 12/07/2000 Wed 1700 (CR)  
6786.0 V2a In prog, v. weak AM 16/07/2000 Sun 0605 (GH)  
6823.0 M01B 168 402 402 36 36 = = CW 20/07/2000 Thu 1503 (CR)  
6823.0 M01B 168 402 402 36 36 = = CW 27/07/2000 Thu 1503 (CR)  
6834.0 M10 555 571 30 275 36 049 19 435 27 CW 08/07/2000 Sat 1630 (CR)  
6834.0 M10 555 571 29 275 36 049 35 435 25 CW 23/07/2000 Sun 1630 (CR)  
6840.0 E10 //9130 EZI2 USB 01/07/2000 Sat 0100 (JM4)  
6840.0 E10 in progress - possible // for 11565 USB 01/07/2000 Sat 0215 (JM4)



6840.0 E10 EZI USB 01/07/2000 Sat 2200 (GG)  
6840.0 E10 EZI 30 YNYBA USB 03/07/2000 Mon 2130 (GG)  
6840.0 E10 EZI USB 03/07/2000 Mon 2200 (GG)  
6840.0 E10 //9130 EZI2 USB 07/07/2000 Fri 0100 (JM4)  
6840.0 E10 EZI2 USB 09/07/2000 Sun 0100 (JM4)  
6840.0 E10 //9130 EZI2 USB 12/07/2000 Wed 0100 (JM4)  
6840.0 E10 in progress USB 12/07/2000 Wed 0208 (GG)  
6840.0 E10 //9130 EZI2 USB 13/07/2000 Thu 0100 (JM4)  
6840.0 E10 //9130 EZI2 USB 17/07/2000 Mon 0100 (JM4)  
6840.0 E10 EZI weak USB 17/07/2000 Mon 0200 (JM4)  
6840.0 E10 //9130 EZI2 USB 18/07/2000 Tue 0100 (JM4)  
6840.0 E10 //11565 EZI weak USB 24/07/2000 Mon 0200 (JM4)  
6840.0 E10 EZI 68 RJHXP USB 25/07/2000 Tue 0200 (GG)  
6840.0 E10 EZI USB 31/07/2000 Mon 0200 (GG)  
6851.0 M23 351 CW 08/07/2000 Sat 2000 (CR)  
6851.0 M23 351 CW 09/07/2000 Sun 2000 (CR)  
6851.0 M23 351 CW 10/07/2000 Mon 2000 (CR)  
6851.0 M23 579 Note change of frequency CW 11/07/2000 Tue 0800  
6851.0 M23 351 CW 11/07/2000 Tue 2000 (CR)  
6851.0 M23 351 CW 12/07/2000 Wed 2000 (CR)  
6851.0 M23 351 CW 13/07/2000 Thu 0830 (CR)  
6851.0 M23 351 CW 13/07/2000 Thu 2000 (CR)  
6855.0 V2a in progress AM 03/07/2000 Mon 0300 (JM4)  
6855.0 V2a In there somewhere; mode probs? AM 17/07/2000 Mon 0311 (GH)  
6878.0 M13 201 = 190 20 = CW 28/07/2000 Fri 1500 (CR)  
6878.0 M13 201 = 190 20 = CW 28/07/2000 Fri 1700 (CR)  
6912.0 E10 VLB2 (still up 2000-07-22 0126) USB 21/07/2000 Fri 2245  
6912.0 E10 VLB2 (still up 2000-07-22 0126) USB 21/07/2000 Fri 2245  
6912.0 E10 VLB2 USB 22/07/2000 Sat 2345 (GG)  
6912.0 E10 //5170 VLB2 USB 24/07/2000 Mon 0045 (JM4)  
6912.0 E10 //5170 VLB2 USB 24/07/2000 Mon 0145 (JM4)  
6912.0 E10 VLB2 new frequency this call USB 27/07/2000 Thu 0145  
6912.0 E10 VLB2 USB 29/07/2000 Sat 2245 (GG)  
6912.0 E10 VLB2 USB 31/07/2000 Mon 0145 (GG)  
6915 G07 531 2 5fgs AM 31/07/2000 2037 (PB)  
6915.0 G07 531 531 531 1 2718 169 2718 169 AM 10/07/2000 Mon 2030 (CR)  
6917.0 G7 531 (x3) 000 no msg AM 17/07/2000 Mon 2030 (MH)  
6944.0 M10 555 619 35 071 35 CW 12/07/2000 Wed 2100 (CR)  
6945.0 M1 CW "68 68 35 35 = =" followed by 5FG stops with "  
= = 13 14t 35 35 t71 t71 CW 12/07/2000 Wed 2108 (MH)  
6959.0 E03 00587 USB 01/07/2000 Sat 2200 (GG)  
6959.0 E03 in progress USB 03/07/2000 Mon 2122 (GG)  
6959.0 E03 in progress USB 12/07/2000 Wed 2021 (GG)  
6959.0 E03 in progress USB 21/07/2000 Fri 2243 (GG)  
6959.0 E03 in progress USB 24/07/2000 Mon 2227 (GG)  
6960.0 E05 Call 430 USB 03/07/2000 Mon 2200 (GG)

6960.0 E05 in progress USB 05/07/2000 Wed 2212 (GG)  
6960.0 E05 Call 179 Count 92 USB 17/07/2000 Mon 2200 (GG)  
6960.0 E05 979 count 92 tx from RMAB 21:25 carrier up  
21:30+21:55 "piiip" for 2 min USB 17/07/2000 Mon 2200  
6960.0 E05 in progress USB 19/07/2000 Wed 2212 (GG)  
6960.0 E05 Call 979 Count 196 530/87 ... USB 24/07/2000 Mon 2200  
6960.0 E3 USB 02/07/2000 Sun 2100 (MH)  
6960.0 E5 979 979 979 1234567890 (TX from RMAB) USB 13/07/2000  
Thu 2200 (MH)  
6960.0 E5 979 979 979 1234567890 (TX from RMAB) USB 13/07/2000  
Thu 2200 (MH)  
6970.0 E10 in progress AM 10/07/2000 Mon 2120 (MH)  
6986.0 E10 ART 69 NIQOU USB 12/07/2000 Wed 2100 (GG)  
7250.0 M04 LO LO LO LO LO LO/86797 CW 12/07/2000 Wed 0957 (CR)  
7256.0 M03 287/00 CW 08/07/2000 Sat 1630 (CR)  
7256.0 M03 287/00 CW 09/07/2000 Sun 1630 (CR)  
7256.0 M03 742/00 CW 13/07/2000 Thu 1100 (CR)  
7256.0 M03 287/00 CW 23/07/2000 Sun 1630 (CR)  
7337.0 E03 06504 USB 12/07/2000 Wed 2100 (GG)  
7337.0 E03 in progress USB 19/07/2000 Wed 2233 (GG)  
7445.0 E10 SYN2 USB 01/07/2000 Sat 0145 (JM4)  
7445.0 E10 SYN2 USB 02/07/2000 Sun 1745 (GG)  
7445.0 E10 SYN2 USB 03/07/2000 Mon 2145 (GG)  
7445.0 E10 SYN2 USB 05/07/2000 Wed 2245 (GG)  
7445.0 E10 SYN2 USB 07/07/2000 Fri 2245 (GG)  
7445.0 E10 SYN2 USB 09/07/2000 Sun 0045 (JM4)  
7445.0 E10 SYN2 USB 12/07/2000 Wed 0145 (JM4)  
7445.0 E10 SYN2 USB 12/07/2000 Wed 0245 (JM4)  
7445.0 E10 SYN2 USB 15/07/2000 Sat 0245 (JM4)  
7445.0 E10 SYN2 USB 16/07/2000 Sun 1945 (GG)  
7445.0 E10 SYN2 USB 17/07/2000 Mon 0145 (JM4)  
7445.0 E10 SYN2 USB 18/07/2000 Tue 0045 (JM4)  
7445.0 E10 SYN2 USB 18/07/2000 Tue 0145 (JM4)  
7445.0 E10 SYN2 USB 19/07/2000 Wed 2245 (GG)  
7445.0 E10 SYN2 USB 20/07/2000 Thu 0245 (JM4)  
7445.0 E10 SYN2 USB 21/07/2000 Fri 0145 (GG)  
7445.0 E10 SYN2 USB 21/07/2000 Fri 2245 (GG)  
7445.0 E10 SYN2 USB 21/07/2000 Fri 2345 (GG)  
7445.0 E10 SYN2 USB 22/07/2000 Sat 2345 (GG)  
7445.0 E10 SYN2 USB 24/07/2000 Mon 0045 (JM4)  
7445.0 E10 SYN2 USB 24/07/2000 Mon 0145 (JM4)  
7445.0 E10 SYN2 USB 27/07/2000 Thu 0145 (JM4)  
7445.0 E10 SYN2 USB 29/07/2000 Sat 2245 (GG)  
7445.0 E10 SYN2 USB 31/07/2000 Mon 0145 (GG)  
7555.0 V02 Atencion 44312 30931 05051 USB 23/07/2000 Sun 0300 (GG)  
7605.0 E10 VLB2 USB 01/07/2000 Sat 0145 (JM4)  
7605.0 E10 VLB2 USB 02/07/2000 Sun 1745 (GG)  
7605.0 E10 VLB2 USB 03/07/2000 Mon 0245 (JM4)

|         |     |                                                                                    |
|---------|-----|------------------------------------------------------------------------------------|
| 7605.0  | E10 | VLB2 USB 03/07/2000 Mon 2145 (GG)                                                  |
| 7605.0  | E10 | VLB2 USB 05/07/2000 Wed 2245 (GG)                                                  |
| 7605.0  | E10 | VLB2 USB 07/07/2000 Fri 2245 (GG)                                                  |
| 7605.0  | E10 | VLB2 USB 09/07/2000 Sun 0045 (JM4)                                                 |
| 7605.0  | E10 | VLB2 USB 10/07/2000 Mon 0145 (GG)                                                  |
| 7605.0  | E10 | //5230 VLB2 USB 12/07/2000 Wed 0145 (JM4)                                          |
| 7605.0  | E10 | VLB2 USB 12/07/2000 Wed 0245 (JM4)                                                 |
| 7605.0  | E10 | //5230 VLB2 USB 13/07/2000 Thu 0145 (JM4)                                          |
| 7605.0  | E10 | //5230 VLB2 USB 14/07/2000 Fri 0245 (JM4)                                          |
| 7605.0  | E10 | KPA2 (changed from 6370) USB 17/07/2000 Mon 0115 (JM4)                             |
| 7605.0  | E10 | KPA2 USB 17/07/2000 Mon 0215 (JM4)                                                 |
| 7605.0  | E10 | KPA2 USB 18/07/2000 Tue 0115 (JM4)                                                 |
| 7605.0  | E10 | KPA2 USB 19/07/2000 Wed 2215 (GG)                                                  |
| 7605.0  | E10 | KPA2 USB 19/07/2000 Wed 2315 (GG)                                                  |
| 7605.0  | E10 | KPA2 USB 20/07/2000 Thu 0215 (JM4)                                                 |
| 7605.0  | E10 | KPA2 USB 21/07/2000 Fri 0215 (GG)                                                  |
| 7605.0  | E10 | KPA2 USB 21/07/2000 Fri 2315 (GG)                                                  |
| 7605.0  | E10 | KPA2 USB 23/07/2000 Sun 0015 (GG)                                                  |
| 7605.0  | E10 | KPA2 USB 23/07/2000 Sun 2315 (GG)                                                  |
| 7605.0  | E10 | KPA2 USB 24/07/2000 Mon 0015 (JM4)                                                 |
| 7605.0  | E10 | KPA2 USB 24/07/2000 Mon 0115 (JM4)                                                 |
| 7605.0  | E10 | KPA2 USB 24/07/2000 Mon 0215 (JM4)                                                 |
| 7605.0  | E10 | KPA2 USB 24/07/2000 Mon 2315 (GG)                                                  |
| 7605.0  | E10 | KPA2 USB 25/07/2000 Tue 0215 (GG)                                                  |
| 7605.0  | E10 | KPA2 USB 29/07/2000 Sat 2315 (GG)                                                  |
| 7657.0  | M12 | 749 749 749 000 CW 08/07/2000 Sat 1620 (CR)                                        |
| 7657.0  | M12 | 749 749 749 000 CW 09/07/2000 Sun 1620 (CR)                                        |
| 7657.0  | M12 | 749 749 749 1 3291 140 3291 140 CW 10/07/2000 Mon 1620 (CR)                        |
| 7657.0  | M12 | 749 749 749 1 2361 146 2361 146 CW 11/07/2000 Tue 1620 (CR)                        |
| 7657.0  | M12 | 749 749 749 1 9183 145 9183 145 CW 12/07/2000 Wed 1620 (CR)                        |
| 7657.0  | M12 | 749 749 749 1 2794 144 2794 144 CW 14/07/2000 Fri 1620 (CR)                        |
| 7657.0  | M12 | 749 749 749 1 3878 142 3878 142 CW 18/07/2000 Tue 1620 (CR)                        |
| 7657.0  | M12 | 749 749 749 1 2056 141 2056 141 CW 24/07/2000 Mon 1620 (CR)                        |
| 7657.0  | M12 | 749 749 749 1 2394 142 2394 142 CW 25/07/2000 Tue 1620 (CR)                        |
| 7657.0  | M12 | 749 749 749 1 1931 142 1931 142 CW 26/07/2000 Wed 1620 (CR)                        |
| 7657.0  | M12 | 749 749 749 1 5029 143 5029 143 CW 28/07/2000 Fri 1620 (CR)                        |
| 7668.0  | M16 | 8BY 274/862/609 CW 19/07/2000 Wed 1755 (CR)                                        |
| 7668.00 | M16 | French Intel Paris vvv vvv vvv 8by 8by 8by marker and 3FGs CW 10/06/2000 0148 (MC) |

7760.0 E10 //6270 ULX (44) EILTI USB 01/07/2000 Sat 0100 (JM4)  
7760.0 E10 //6270 ULX (44) EILTI USB 07/07/2000 Fri 0100 (JM4)  
7760.0 E10 //6270 ULX (44) EILTI USB 09/07/2000 Sun 0100 (JM4)  
7760.0 E10 //6270 ULX (44) EILTI USB 12/07/2000 Wed 0100 (JM4)  
7760.0 E10 //6270 ULX (44) EILTI USB 13/07/2000 Thu 0100 (JM4)  
7760.0 E10 //6270 ULX (44) EILTI USB 17/07/2000 Mon 0100 (JM4)  
7760.0 E10 //6270 ULX (44) EILTI USB 18/07/2000 Tue 0100 (JM4)  
7760.0 E10 //6270 ULX weak USB 21/07/2000 Fri 0100 (JM4)  
7760.0 E10 //6270 ULX (44) EILTI USB 24/07/2000 Mon 0100 (JM4)  
7795.0 M23 606 = 66 66 = CW 10/07/2000 Mon 0930 (CR)  
7795.0 M23 882 = 23 23 = CW 11/07/2000 Tue 0930 (CR)  
7795.0 M23 624 = 61 61 = CW 11/07/2000 Tue 1500 (CR)  
7795.0 M23 024 = 39 39 = CW 12/07/2000 Wed 0930 (CR)  
7795.0 M23 080 = 31 31 = CW 12/07/2000 Wed 1500 (CR)  
7795.0 M23 666 = 57 57 = CW 13/07/2000 Thu 1500 (CR)  
7795.0 M23 882 = 23 23 = CW 18/07/2000 Tue 0930 (CR)  
7795.0 M23 024 = 39 39 = CW 18/07/2000 Tue 1500 (CR)  
7795.0 M23 024 = 39 39 = CW 19/07/2000 Wed 0930 (CR)  
7795.0 M23 080 = 31 31 = CW 19/07/2000 Wed 1500 (CR)  
7795.0 M23 448 = 42 42 = CW 20/07/2000 Thu 0930 (CR)  
7795.0 M23 666 = 57 57 = CW 20/07/2000 Thu 1500 (CR)  
7795.0 M23 062 = 70 70 = CW 21/07/2000 Fri 0930 (CR)  
7795.0 M23 002 = 19 19 = CW 24/07/2000 Mon 1500 (CR)  
7795.0 M23 882 = 23 23 = CW 25/07/2000 Tue 0930 (CR)  
7795.0 M23 624 = 61 61 = CW 25/07/2000 Tue 1500 (CR)  
7795.0 M23 024 = 39 39 = CW 26/07/2000 Wed 0928 (CR)  
7795.0 M23 080 = 31 31 = CW 26/07/2000 Wed 1458 (CR)  
7795.0 M23 488 = 42 42 = CW 27/07/2000 Thu 0928 (CR)  
7795.0 M23 666 = 57 57 = CW 27/07/2000 Thu 1500 (CR)  
7795.0 M23 062 = 70 70 = CW 28/07/2000 Fri 0928 (CR)  
7795.0 M23 482 = 47 47 = CW 28/07/2000 Fri 1500 (CR)  
7800.0 M23 00000 = 46 46 = CW 10/07/2000 Mon 1000 (CR)  
7800.0 M23 11111 = 30 30 = CW 11/07/2000 Tue 1000 (CR)  
7800.0 M23 00000 = 42 42 = CW 13/07/2000 Thu 1000 (CR)  
7800.0 M23 00000 = 35 35 = CW 18/07/2000 Tue 1000 (CR)  
7800.0 M23 00000 = 42 42 = CW 19/07/2000 Wed 1004 (CR)  
7800.0 M23 00000 = 42 42 = CW 20/07/2000 Thu 1000 (CR)  
7834.0 M13 417 = 190 21 = CW 09/07/2000 Sun 1900 (CR)  
7834.0 M13 417 = 190 21 = CW 10/07/2000 Mon 1900 (CR)  
7834.0 M13 417 = 190 21 = CW 24/07/2000 Mon 1900 (CR)  
7887.0 V2a late - into 5FG w/o benefit of call-up AM 09/07/2000  
Sun 0200 (JM4)  
7918.0 E10 //9382 YHF (87) ONNPC USB 01/07/2000 Sat 0130 (JM4)  
7918.0 E10 weak USB 01/07/2000 Sat 0200 (JM4)  
7918.0 E10 YHF (39) DPGET USB 01/07/2000 Sat 0230 (JM4)  
7918.0 E10 YHF unreadable/QRN USB 03/07/2000 Mon 0200 (JM4)  
7918.0 E10 YHF unreadable/QRN USB 03/07/2000 Mon 0230 (JM4)  
7918.0 E10 YHF weak USB 07/07/2000 Fri 0200 (JM4)

7918.0 E10 //9382 YHF (54) NF\_Q\_ USB 09/07/2000 Sun 0130 (JM4)  
7918.0 E10 YHF weak/unreadable USB 09/07/2000 Sun 0200 (JM4)  
7918.0 E10 YHF 2 msgs: 88 KKBOQ/39 SZTDG USB 10/07/2000 Mon 0130 (GG)  
7918.0 E10 //9382 YHF (8\_) KKB\_\_ USB 12/07/2000 Wed 0130 (JM4)  
7918.0 E10 in progress USB 12/07/2000 Wed 0135 (GG)  
7918.0 E10 YHF weak USB 12/07/2000 Wed 0200 (JM4)  
7918.0 E10 in progress USB 12/07/2000 Wed 0208 (GG)  
7918.0 E10 YHF (89) DP\_\_T USB 12/07/2000 Wed 0230 (JM4)  
7918.0 E10 YHF AM 13/07/2000 Thu 0200 (JM4)  
7918.0 E10 YHF weak USB 15/07/2000 Sat 0200 (JM4)  
7918.0 E10 YHF weak USB 15/07/2000 Sat 0230 (JM4)  
7918.0 E10 //9382 YHF weak USB 17/07/2000 Mon 0130 (JM4)  
7918.0 E10 YHF weak USB 17/07/2000 Mon 0200 (JM4)  
7918.0 E10 YHF 2 msgs: 87 BSYFL/ 33 YNUKD USB 17/07/2000 Mon 1800 (GG)  
7918.0 E10 //9382 YHF 2 messages - weak USB 18/07/2000 Tue 0130 (JM4)  
7918.0 E10 YHF weak USB 18/07/2000 Tue 0200 (JM4)  
7918.0 E10 YHF weak USB 20/07/2000 Thu 0200 (JM4)  
7918.0 E10 YHF weak USB 20/07/2000 Thu 0230 (JM4)  
7918.0 E10 YHF 2 msgs: 88 KKBOQ/39 SZTDG USB 21/07/2000 Fri 0130 (GG)  
7918.0 E10 YHF 2 msgs: 51 YEUEQ/97 XIAMZ USB 21/07/2000 Fri 0200 (GG)  
7918.0 E10 5LG in prog, weak USB 21/07/2000 Fri 0204 (GH)  
7918.0 E10 (YHF?) into 5LG; v. weak USB 21/07/2000 Fri 0230 (GH)  
7918.0 E10 YHF 39 DPXGT USB 21/07/2000 Fri 0230 (GG)  
7918.0 E10 //9382 YHF (88) \_\_BO\_ (??) \_\_\_\_\_ USB 24/07/2000 Mon 0130 (JM4)  
7918.0 E10 YHF (51) Y\_UEQ (97) X\_A\_Z USB 24/07/2000 Mon 0200 (JM4)  
7918.0 E10 YHF (89) \_PG\_T USB 24/07/2000 Mon 0230 (JM4)  
7918.0 E10 YHF 2 msgs: 51 YEUEQ/97 XIAMZ USB 25/07/2000 Tue 0200 (GG)  
7918.0 E10 YHF 39 DPGXT USB 25/07/2000 Tue 0230 (GG)  
7918.0 E10 //9382 YHF (88) KKBOQ (39) SZTDG AM 27/07/2000 Thu 0130 (JM4)  
7918.0 E10 in progress USB 31/07/2000 Mon 0140 (GG)  
7918.0 E10 YHF USB 31/07/2000 Mon 0200 (GG)  
7990.0 M03 976/00 CW 13/07/2000 Thu 1000 (CR)  
7990.0 M03 976/00 CW 20/07/2000 Thu 1000 (CR)  
8010.0 M08 WTTIN RDWAD WMNND CW 21/07/2000 Fri 0800 (CR)  
8010.0 M08 AWIND AWIRA UTANA CW 28/07/2000 Fri 0800 (CR)  
8025.0 E10 //10352//12747 CI02 AM 17/07/2000 Mon 0145 (JM4)  
8025.0 E10 //12376//13921 VLB2 AM 18/07/2000 Tue 0045 (JM4)  
8025.0 E10 //10352//12747 CI02 AM 18/07/2000 Tue 0145 (JM4)  
8025.0 E10 //10352//12747 CI02 AM 20/07/2000 Thu 0245 (JM4)  
8025.0 E10 CI02 USB 21/07/2000 Fri 2245 (GG)

8025.0 E10 CI02 USB 21/07/2000 Fri 2345 (GG)  
8025.0 E10 //10352//12747 CI02 AM 24/07/2000 Mon 0045 (JM4)  
8025.0 E10 //10352//12747 CI02 AM 24/07/2000 Mon 0145 (JM4)  
8025.0 E10 //10352//12747 CI02 AM 27/07/2000 Thu 0145 (JM4)  
8025.0 E10 CI02 USB 31/07/2000 Mon 0145 (GG)  
8025.0 E18 307 Number 153 Groups 066 LSB 12/07/2000 Wed 2100 (CR)  
8027.0 E10 CI02 USB 22/07/2000 Sat 2345 (GG)  
8027.0 E10 CI02 USB 29/07/2000 Sat 2245 (GG)  
8067.5 M8a? Nothing by :12 CW 20/07/2000 Thu 0500 (GH)  
8085.0 E05 Call 719 USB 15/07/2000 Sat 1800 (GG)  
8085.0 E05 Call 719 Count 209 198/16 USB 29/07/2000 Sat 1800 (GG)  
8097.0 V2a In prog, \_\_\_\_\_ 69231 \_\_\_\_\_; fast cinco AM 20/07/2000  
Thu 0509 (GH)  
8125.0 E05 Count 205 602/20 ... USB 29/07/2000 Sat 1900 (GG)  
8127 E10 Israeli Intel. CI02 AM 01/07/2000 2247 (SD)  
8127.0 E10 CI02 USB 03/07/2000 Mon 2145 (GG)  
8127.0 E10 CI02 USB 05/07/2000 Wed 2245 (GG)  
8127.0 E10 CI02 USB 07/07/2000 Fri 2245 (GG)  
8127.0 E10 CI02 USB 10/07/2000 Mon 0145 (GG)  
8127.0 E10 //10352//12376 CI02 AM 13/07/2000 Thu 0145 (JM4)  
8127.0 E10 //10352//12376 CI02 AM 15/07/2000 Sat 0245 (JM4)  
8136.5 M8a \_\_\_\_\_ RWMMD (\_\_\_\_\_ 65993) CW 23/07/2000 Sun  
1020 (GH)  
8154.0 M13 284 = 190 20 = CW 21/07/2000 Fri 2000 (CR)  
8173 G07 531 2 5fgs AM 31/07/2000 2020 (PB)  
8173.0 G07 531 531 531 1 2718 169 2718 169 AM 10/07/2000 Mon 2010  
(CR)  
8173.0 G07 531 531 531 000 AM 17/07/2000 Mon 2010 (CR)  
8173.0 G07 in progress AM 24/07/2000 Mon 2014 (MH)  
8173.0 G7 531 (x3) 000 no msg AM 17/07/2000 Mon 2010 (MH)  
8173.0 M12 749 749 749 1 4869 147 4869 147 CW 19/07/2000 Wed 1640  
(CR)  
8188.0 E23 COUNT 0 TO 9 62775 46741 89934 AM 24/07/2000 Mon 0957  
(CR)  
8190.0 M10 555 434 19 CW 24/07/2000 Mon 1500 (CR)  
8190.0 M10 555 434 19 CW 25/07/2000 Tue 1500 (CR)  
8210.0 M23 310 CW 18/07/2000 Tue 2000 (CR)  
8210.0 M23 310 CW 19/07/2000 Wed 2000 (CR)  
8210.0 M23 310 CW 20/07/2000 Thu 2000 (CR)  
8210.0 M23 310 CW 21/07/2000 Fri 2000 (CR)  
8300.0 V13 YL/CC 4FGx2 AM 28/07/2000 Fri 1200 (JM4)  
8307.0 M23 579 CW 08/07/2000 Sat 0800 (CR)  
8307.0 M23 579 CW 10/07/2000 Mon 0800 (CR)  
8307.0 M23 579 CW 11/07/2000 Tue 1400 (CR)  
8307.0 M23 579 CW 25/07/2000 Tue 0800 (CR)  
8375 V22 Chinese numbers station USB 03/07/2000 1330 (SD)  
8375.0 V22 YL/CC presumed null msg AM 03/07/2000 Mon 1330 (SD)  
8375.0 V22 YL/CC presumed null msg w/ rpt phrase, heavy QRM AM

11/07/2000 Tue 1259 (SD)

8465.0 E10 //5170 MIW2 USB 01/07/2000 Sat 0115 (JM4)

8465.0 E10 MIW2 USB 01/07/2000 Sat 2215 (GG)

8465.0 E10 MIW2 USB 03/07/2000 Mon 0215 (JM4)

8465.0 E10 MIW2 USB 09/07/2000 Sun 0015 (JM4)

8465.0 E10 MIW2 USB 09/07/2000 Sun 0115 (JM4)

8465.0 E10 //5170 MIW2 USB 12/07/2000 Wed 0115 (JM4)

8465.0 E10 MIW2 USB 12/07/2000 Wed 0215 (JM4)

8465.0 E10 MIW2 USB 12/07/2000 Wed 0315 (JM4)

8465.0 E10 MIW2 USB 12/07/2000 Wed 2115 (GG)

8465.0 E10 //5170 MIW2 USB 13/07/2000 Thu 0215 (JM4)

8465.0 E10 MIW2 USB 15/07/2000 Sat 0215 (JM4)

8465.0 E10 //5230 VLB2 USB 15/07/2000 Sat 0245 (JM4)

8641.0 E10 SYN2 USB 31/07/2000 Mon 0145 (GG)

8688.0 M13 201 = 190 20 = CW 13/07/2000 Thu 1500 (CR)

8688.0 M13 201 = 190 20 = CW 13/07/2000 Thu 1700 (CR)

8688.0 M13 210 = 190 20 = CW 14/07/2000 Fri 1500 (CR)

8688.0 M13 210 = 190 21 = CW 14/07/2000 Fri 1700 (CR)

8688.0 M13 201 = 190 20 = CW 27/07/2000 Thu 1500 (CR)

8688.0 M13 201 = 190 20 = CW 27/07/2000 Thu 1700 (CR)

9062.5 M8a TTUWD WWTNR NWIGD (00453 55026 25783) CW 07/07/2000 Fri  
0500 (GH)

9062.5 M8a \_\_\_\_\_ DDTUR DATTN (\_\_\_\_\_ 33046 31002) CW 21/07/2000 Fri  
0513 (GH)

9070.0 E05 Call 524 USB 15/07/2000 Sat 1800 (GG)

9070.0 E05 Call 524 USB 29/07/2000 Sat 1800 (GG)

9070.0 E6 in progress AM 13/07/2000 Thu 2213 (MH)

9090.0 E05 Call 430 USB 03/07/2000 Mon 2200 (GG)

9090.0 E05 in progress USB 05/07/2000 Wed 2212 (GG)

9090.0 E05 979 count 92 //6960 USB 17/07/2000 Mon 2200 (MH)

9090.0 E05 Call 179 Count 92 USB 17/07/2000 Mon 2200 (GG)

9090.0 E05 in progress USB 19/07/2000 Wed 2212 (GG)

9090.0 E05 Call 979 Count 196 530/87 ... USB 24/07/2000 Mon 2200

9112.0 M08 NTMRN GNGGA GGMMN CW 08/07/2000 Sat 0700 (CR)

9112.0 M08 IWUMA TATGN IDTAN CW 11/07/2000 Tue 0700 (CR)

9112.0 M08 WTTID UAMMA IMTRA CW 22/07/2000 Sat 0700 (CR)

9112.0 M08 WTTID UAMMA IMTRA CW 22/07/2000 Sat 0700 (CR)

9112.0 M08 MUWDD WIUDA UURGA CW 25/07/2000 Tue 0700 (CR)

9112.5 M8a \_\_\_\_\_ RDWAN WMNNN (\_\_\_\_\_ 63512 59222) CW 20/07/2000 Thu  
0707 (GH)

9130.0 E10 //6840 EZI2 USB 01/07/2000 Sat 0100 (JM4)

9130.0 E10 EZI USB 01/07/2000 Sat 2200 (GG)

9130.0 E10 in progress USB 02/07/2000 Sun 1738 (GG)

9130.0 E10 EZI 30 YNYBA USB 03/07/2000 Mon 2130 (GG)

9130.0 E10 EZI USB 03/07/2000 Mon 2200 (GG)

9130.0 E10 //6840 EZI2 USB 07/07/2000 Fri 0100 (JM4)

9130.0 E10 //6840 EZI2 USB 12/07/2000 Wed 0100 (JM4)

9130.0 E10 in progress USB 12/07/2000 Wed 0208 (GG)

9130.0 E10 in progress USB 12/07/2000 Wed 2015 (GG)  
 9130.0 E10 EZI USB 12/07/2000 Wed 2030 (GG)  
 9130.0 E10 //6840 EZI2 USB 13/07/2000 Thu 0100 (JM4)  
 9130.0 E10 in progress USB 14/07/2000 Fri 1916 (MH)  
 9130.0 E10 EZI v. weak/noisy USB 17/07/2000 Mon 0100 (GH)  
 9130.0 E10 //6840 EZI2 USB 17/07/2000 Mon 0100 (JM4)  
 9130.0 E10 //6840 EZI2 USB 18/07/2000 Tue 0100 (JM4)  
 9130.0 E10 in progress USB 19/07/2000 Wed 2212 (GG)  
 9130.0 E10 EZI 68 RJHXP (oddly weak) USB 21/07/2000 Fri 0200 (GG)  
 9130.0 E10 5LG in prog, weak/noisy USB 21/07/2000 Fri 0204 (GH)  
 9130.0 E10 EZI 68 RJHXP USB 25/07/2000 Tue 0200 (GG)  
 9130.0 E10 EZI USB 31/07/2000 Mon 0200 (GG)  
 9130.0 E10a EZI2 USB 18/07/2000 Tue 0100 (GH)  
 9153.0 M08 TDDTD IRDID IRDID CW 11/07/2000 Tue 0600 (CR)  
 9165.0 M07 LTR U 434 434 434 24 24 19 19 LTR U CW 24/07/2000 Mon  
 1820 (CR)  
 9165.0 M07 LTR A 434 434 43 24 24 19 19 = = LTR A CW 25/07/2000  
 Tue 1820 (CR)  
 9184.0 M13 272 = 234 21 = CW 18/07/2000 Tue 2100 (CR)  
 9185.1 AT1 US FBI Atlanta 125bd MIL- 01/04/2000 0431 (MC)  
 9185.1 ME1 US FBI Memphis 125bd MIL- 01/04/2000 0430 (MC)  
 9185.1 WF1 US FBI 125bd MIL- 01/04/2000 0432 (MC)  
 9205.0 E5 Rptg 639 count 68 481/24 AM 04/07/2000 Tue 0300 (GH)  
 9205.0 E5 Rptg 582 count 71 574/11 AM 15/07/2000 Sat 0300 (GH)  
 9215.0 E17 in progress AM 12/07/2000 Wed 0200 (JM4)  
 9215.0 E17 rptg 823 down/w 945 945 71 71 00000 AM 13/07/2000 Thu  
 0200 (JM4)  
 9219.0 E05 Call 184 USB 03/07/2000 Mon 2200 (GG)  
 9219.0 E05 Call 184 Count 196 530/87 ... USB 10/07/2000 Mon 2200  
 9219.0 E05 184 USB 17/07/2000 Mon 2200 (MH)  
 9219.0 E05 Call 184 Count 196 USB 17/07/2000 Mon 2200 (GG)  
 9219.0 E05 Call 184 Count 92 789/95 ... USB 24/07/2000 Mon 2200  
 9238.0 M08 IWUMN TATGD IDTAD CW 12/07/2000 Wed 0700 (CR)  
 9238.0 M08 TMDND UTWRN GDWNN CW 14/07/2000 Fri 0700 (CR)  
 9238.0 M08 NRMUN RDWAA WMNNA CW 19/07/2000 Wed 0604 (CR)  
 9238.0 M08 WTTIN RDWAD WMNND CW 21/07/2000 Fri 0700 (CR)  
 9238.0 M08 MUWDN UAMMD IMTRD CW 24/07/2000 Mon 0700 (CR)  
 9238.0 M08 AIMNA WIUDN UURGN CW 26/07/2000 Wed 0700 (CR)  
 9238.5 M8a UIIRA UUMDD RITID (47761 44933 67073) CW 03/07/2000 Mon  
 0700 (GH)  
 9238.5 M8a UTMDD DWIAD GRUGD (40933 35713 86483) CW 20/07/2000 Thu  
 0600 (GH)  
 9251.0 E03 00587 USB 01/07/2000 Sat 2200 (GG)  
 9251.0 E03 in progress USB 03/07/2000 Mon 2122 (GG)  
 9251.0 E03 in progress USB 12/07/2000 Wed 2021 (GG)  
 9251.0 E03 06504 USB 12/07/2000 Wed 2100 (GG)  
 9251.0 E03 in progress USB 19/07/2000 Wed 2233 (GG)  
 9251.0 E03 USB 21/07/2000 Fri 2046 (MH)



9251.0 E03 in progress USB 21/07/2000 Fri 2243 (GG)  
 9251.0 E03 in progress USB 24/07/2000 Mon 2227 (GG)  
 9251.0 E3 in progress USB 13/07/2000 Thu 2130 (MH)  
 9251.0 E3 Lincolnshire Poacher - Very Strong USB 21/07/2000 Fri 2200 (TS2)  
 9256 M22 Israeli navy Tel Aviv 4XZ. VVV + off-line crypto msgs CW 25/07/2000 1700 (JD)  
 9256.5 M22 4XZ marker CW 04/07/2000 Tue 0320 (GH)  
 9272.0 M03 624/00 CW 08/07/2000 Sat 0800 (CR)  
 9330.0 V2a Atencion 98102 45422 01432 0600-0607 loud feedback noise with signal. AM 07/07/2000 Fri 0600 (BM)  
 9331.0 V2 Atencion 98102 45422 01432 AM 03/07/2000 Mon 0600 (GH)  
 9332.0 V2 strong QRM in the beginning/ 3xfinal AM 10/07/2000 Mon 0600 (JE)  
 9382.0 E10 //7918 YHF (87) ONNPC USB 01/07/2000 Sat 0130 (JM4)  
 9382.0 E10 //7918 YHF (54) NF\_Q\_ USB 09/07/2000 Sun 0130 (JM4)  
 9382.0 E10 YHF 2 msgs: 88 KKBOQ/39 SZTDG USB 10/07/2000 Mon 0130 (GG)  
 9382.0 E10 //7918 YHF (8\_) KKB\_\_ USB 12/07/2000 Wed 0130 (JM4)  
 9382.0 E10 in progress USB 12/07/2000 Wed 0135 (GG)  
 9382.0 E10 YHF weak USB 13/07/2000 Thu 0130 (JM4)  
 9382.0 E10 //7918 YHF weak USB 17/07/2000 Mon 0130 (JM4)  
 9382.0 E10 YHF 2 msgs: 87 BSYFL/ 33 YNUKD USB 17/07/2000 Mon 1800 (GG)  
 9382.0 E10 //7918 YHF 2 messages - weak USB 18/07/2000 Tue 0130 (JM4)  
 9382.0 E10 YHF 2 msgs: 88 KKBOQ/39 SZTDG USB 21/07/2000 Fri 0130 (GG)  
 9382.0 E10 //7918 YHF (88) \_\_BO\_ (??) \_\_\_\_\_ USB 24/07/2000 Mon 0130 (JM4)  
 9382.0 E10 //7918 YHF (88) KKBOQ (39) SZTDG AM 27/07/2000 Thu 0130 (JM4)  
 9382.0 E10 in progress USB 31/07/2000 Mon 0140 (GG)  
 9387.0 M13 491 491 491 000 = 197 21 = CW 11/07/2000 Tue 2000 (CR)  
 9387.0 M13A 491 491 491 000 = 197 21 = CW 10/07/2000 Mon 2000 (CR)  
 9387.0 M13A 491 491 491 000 = 197 21 = CW 24/07/2000 Mon 2000 (CR)  
 9430.0 M14 409-267/30 MCW 08/07/2000 Sat 2000 (JE)  
 9725.0 V13 YL/CC 4FGx2 AM 08/07/2000 Sat 1400 (JM4)  
 9725.0 V13 YL/CC w/flute interval AM 10/07/2000 Mon 1500 (JM4)  
 9725.0 V13 AM 14/07/2000 Fri 1300 (JM4)  
 9950.0 E11 183/00 USB 25/07/2000 Tue 1300 (CR)  
 10125.0 M08 GWIND TTIAA ANDWA CW 13/07/2000 Thu 0900 (CR)  
 10125.0 M08 RMANN UUURA RUMNA CW 25/07/2000 Tue 0900 (CR)  
 10125.0 M08 GGIMA UUIWD RUMGN CW 27/07/2000 Thu 0900 (CR)  
 10125.0 M10 555 127 21 801 32 CW 08/07/2000 Sat 0700 (CR)  
 10125.0 M10 555 127 29 801 28 CW 22/07/2000 Sat 0700 (CR)  
 10125.0 M10 555 127 29 801 28 CW 22/07/2000 Sat 0700 (CR)  
 10126.5 M8a Starting msg 2 CW 15/07/2000 Sat 0915 (GH)

10127.0 M08 DURNN GWINA IAUNN CW 11/07/2000 Tue 0900 (CR)  
10235.5 M8a In prog, weak CW 07/07/2000 Fri 0425 (GH)  
10240.0 M24 863 741 741 85 85 = = CW 12/07/2000 Wed 0600 (CR)  
10240.0 M24 863 741 741 85 85 = = CW 13/07/2000 Thu 0600 (CR)  
10240.0 M24 863 207 207 145 145 = = CW 27/07/2000 Thu 0600 (CR)  
10248.0 M16 French Intel Paris vvv vvv vvv 8by 8by 8by marker  
and tri-graphs CW 10/06/2000 2139 (MC)  
10250.0 M03 503/00 CW 11/07/2000 Tue 0745 (CR)  
10250.0 M03 503/00 CW 18/07/2000 Tue 0745 (CR)  
10250.0 M03 503/00 CW 25/07/2000 Tue 0745 (CR)  
10250.0 M16 8BY 523/195/687 CW 11/07/2000 Tue 0740 (CR)  
10300.0 V5 In prog. Freq approx. 609 01234567890 Grupo 125 AM  
03/07/2000 Mon 0302 (BM)  
10350 E10 Israeli Intel. CI02 + buzzsaw jammer AM 25/07/2000  
0248 (K1RC)  
10350.0 M23 310 CW 18/07/2000 Tue 0700 (CR)  
10350.0 M23 310 CW 21/07/2000 Fri 0700 (CR)  
10352 E10 Israeli Intel. CI02 AM 20/07/2000 Thu 2246 (MADX)  
10352 E10 Israeli Intel. CI02 AM 21/07/2000 Fri 0050 (MADX)  
10352.0 E10 //12376 CI02 USB 01/07/2000 Sat 0145 (JM4)  
10352.0 E10 CI02 USB 02/07/2000 Sun 1745 (GG)  
10352.0 E10 //12376 CI02 USB 03/07/2000 Mon 0245 (JM4)  
10352.0 E10 CI02 USB 03/07/2000 Mon 2145 (GG)  
10352.0 E10 CI02 USB 05/07/2000 Wed 2245 (GG)  
10352.0 E10 CI02 USB 07/07/2000 Fri 2245 (GG)  
10352.0 E10 //12376 CI02 USB 09/07/2000 Sun 0045 (JM4)  
10352.0 E10 CI02 USB 10/07/2000 Mon 0145 (GG)  
10352.0 E10 //12376 CI02 USB 12/07/2000 Wed 0145 (JM4)  
10352.0 E10 //12376 CI02 AM 12/07/2000 Wed 0245 (JM4)  
10352.0 E10 //8127//12376 CI02 AM 13/07/2000 Thu 0145 (JM4)  
10352.0 E10 //12376 CI02 USB 14/07/2000 Fri 0245 (JM4)  
10352.0 E10 //8127//12376 CI02 AM 15/07/2000 Sat 0245 (JM4)  
10352.0 E10 CI02 USB 16/07/2000 Sun 1945 (GG)  
10352.0 E10 //8027//12747 CI02 AM 17/07/2000 Mon 0145 (JM4)  
10352.0 E10 CI02 USB 17/07/2000 Mon 0645 (GG)  
10352.0 E10 //12747 CI02 AM 18/07/2000 Tue 0045 (JM4)  
10352.0 E10 //8025//12747 CI02 AM 18/07/2000 Tue 0145 (JM4)  
10352.0 E10 CI02 USB 19/07/2000 Wed 2245 (GG)  
10352.0 E10 //8025//12747 CI02 AM 20/07/2000 Thu 0245 (JM4)  
10352.0 E10 CI02 USB 21/07/2000 Fri 0145 (GG)  
10352.0 E10 CI02 USB 21/07/2000 Fri 2245 (GG)  
10352.0 E10 CI02 USB 22/07/2000 Sat 2345 (GG)  
10352.0 E10 //8025//12747 CI02 AM 24/07/2000 Mon 0045 (JM4)  
10352.0 E10 //8025//12747 CI02 AM 24/07/2000 Mon 0145 (JM4)  
10352.0 E10 //8025//12747 CI02 AM 27/07/2000 Thu 0145 (JM4)  
10352.0 E10 CI02 USB 29/07/2000 Sat 2245 (GG)  
10352.0 E10 CI02 USB 31/07/2000 Mon 0145 (GG)  
10352.0 E10a CI02 USB 18/07/2000 Tue 0047 (GH)

10352.0 E10a CI02 USB 21/07/2000 Fri 0246 (GH)  
10423.0 E5 USB 30/07/2000 Sun 2200 (MH)  
10445.0 V02 Atencion 38923 52832 95442 USB 17/07/2000 Mon 0500 (GG)  
10448.0 M08 MUNMA NWUNA RDURA CW 10/07/2000 Mon 0800 (CR)  
10448.0 M08 NNITD MMIMN ATTNN CW 11/07/2000 Tue 1100 (CR)  
10448.0 M08 GWINN NWUND RDURD CW 12/07/2000 Wed 0800 (CR)  
10448.0 M08 DIIRD IGMUA WMUAA CW 19/07/2000 Wed 0800 (CR)  
10583.0 E5 in progress AM 11/07/2000 Tue 2100 (JM4)  
10642 S10E AM 27/07/2000 1300 (PB)  
10642 S10E AM 28/07/2000 1300 (PB)  
10642 S10E AM 29/07/2000 1300 (PB)  
10642 S10E AM 30/07/2000 1300 (PB)  
10642.0 S10E 111 68889 16 7320119 65223 20 76180 18 USB 27/07/2000  
Thu 1300 (CR)  
10642.0 S10E 111 46571 18 28839 17 18591 19 32843 16 USB 28/07/2000  
Fri 1300 (CR)  
10648.0 E10 YHF into 5LG CW 07/07/2000 Fri 0430 (GH)  
10648.0 E10 in progress USB 17/07/2000 Mon 1836 (GG)  
10648.0 E10 in progress USB 20/07/2000 Thu 1604 (GG)  
10648.0 E10 heavy QRM USB 29/07/2000 Sat 1830 (GG)  
10665.0 V5 //11491 rptg 609 Grupo 125 AM 03/07/2000 Mon 0300 (JM4)  
10665.0 V5 In prog //11491 AM 03/07/2000 Mon 0326 (GH)  
10665.0 V5 Rptg 732 grupo 143 042/78 //11491 AM 17/07/2000 Mon  
0300 (GH)  
10665.0 V5 //11491 rptg 732 Grupo 143 AM 20/07/2000 Thu 0300 (JM4)  
10665.0 V5 AM 31/07/2000 Mon 0300 (BM)  
10714.5 M8a ADUTD WWTND DMRDD (13403 55023 39633) CW 04/07/2000 Tue  
0200 (GH)  
10714.5 M8a \_\_\_\_\_ DDTUD IIMTN (\_\_\_\_\_ 33043 77902) CW 18/07/2000 Tue  
0208 (GH)  
10767.0 M42 FAPSI Station 5LGs hdr 11177 00030 63880 26433 03489.  
RGA to BFR RTTY 27/02/1996 0731 (MC)  
10915.1 AT1 US FBI 125bd MIL- 20/01/2000 0051 (MC)  
10915.1 CI1 US FBI 125bd MIL- 20/01/2000 0050 (MC)  
10915.1 C01 US FBI 125bd MIL- 20/01/2000 0052 (MC)  
10915.1 LR1 US FBI 125bd MIL- 20/01/2000 0051 (MC)  
10915.1 ME1 US FBI 125bd MIL- 20/01/2000 0049 (MC)  
10915.1 MM1 US FBI 125bd MIL- 20/01/2000 0049 (MC)  
10915.1 OM1 US FBI 125bd MIL- 20/01/2000 0049 (MC)  
10915.1 P01 US FBI 125bd MIL- 20/01/2000 0052 (MC)  
10915.1 QT2 US FBI Quantico 125bd MIL- 20/01/2000 0048 (MC)  
10915.1 QT9 US FBI Quantico 125bd MIL- 20/01/2000 0050 (MC)  
10915.1 WF1 US FBI 125bd MIL- 20/01/2000 0050 (MC)  
11027.0 M42 FAPSI Station 5LGs on link 11177 70004 80932 09837  
00023 RTTY 09/02/1997 1332 (MC)  
11044.0 M24 970 847 847 109 109 = = CW 12/07/2000 Wed 1700 (CR)  
11054.0 M13 517 = 195 21 = CW 17/07/2000 Mon 1900 (CR)  
11054.0 M13 517 = 195 21 = CW 18/07/2000 Tue 1900 (CR)

|         |     |                                                               |
|---------|-----|---------------------------------------------------------------|
| 11114   | M42 | FAPSI. Mazielka calls, no msgs Crowd36 13/07/2000 1624 (RH2)  |
| 11416.0 | M10 | 555 186 35 450 35 CW 14/07/2000 Fri 1720 (CR)                 |
| 11430.0 | V13 | YL/CC w/flute interval AM 10/07/2000 Mon 1500 (JM4)           |
| 11430.0 | V13 | YL/CC 4FGx2 AM 28/07/2000 Fri 1200 (JM4)                      |
| 11433.0 | M08 | ATAUN GMUTN MUATN CW 08/07/2000 Sat 0800 (CR)                 |
| 11433.0 | M08 | GWINA NWUNN RDURN CW 11/07/2000 Tue 0800 (CR)                 |
| 11433.0 | M08 | GWIND TTIAA ANDWA CW 13/07/2000 Thu 0800 (CR)                 |
| 11433.0 | M08 | DTITA IGMUN WMUAA CW 20/07/2000 Thu 0800 (CR)                 |
| 11433.0 | M08 | RMANN UUURA RUMNA CW 25/07/2000 Tue 0800 (CR)                 |
| 11491.0 | V5  | //10665 rptg 609 Grupo 125 AM 03/07/2000 Mon 0300 (JM4)       |
| 11491.0 | V5  | In prog //10665 AM 03/07/2000 Mon 0326 (GH)                   |
| 11491.0 | V5  | Rptg 732 grupo 143 042/78 //10665 AM 17/07/2000 Mon 0300 (GH) |
| 11491.0 | V5  | //10665 rptg 732 Grupo 143 AM 20/07/2000 Thu 0300 (JM4)       |
| 11533.0 | E10 | in progress USB 20/07/2000 Thu 1604 (GG)                      |
| 11545.0 | E03 | 00587 USB 01/07/2000 Sat 2200 (GG)                            |
| 11545.0 | E03 | in progress USB 02/07/2000 Sun 1712 (GG)                      |
| 11545.0 | E03 | in progress USB 03/07/2000 Mon 2122 (GG)                      |
| 11545.0 | E03 | in progress USB 12/07/2000 Wed 2021 (GG)                      |
| 11545.0 | E03 | 45602 USB 16/07/2000 Sun 1700 (GG)                            |
| 11545.0 | E03 | in progress USB 29/07/2000 Sat 1512 (GG)                      |
| 11545.0 | E03 | 79777 USB 29/07/2000 Sat 1800 (GG)                            |
| 11545.0 | E3  | //14487 weak USB 01/07/2000 Sat 1400 (JM4)                    |
| 11545.0 | E3  | //12603//13375 rptg 06504 USB 01/07/2000 Sat 1400 (JM4)       |
| 11545.0 | E3  | //14487 rptg 27428 USB 08/07/2000 Sat 1400 (JM4)              |
| 11545.0 | E3  | //12603//13375 rptg 06504 USB 08/07/2000 Sat 1500 (JM4)       |
| 11545.0 | E3  | //12603//13375 rptg 00582 USB 09/07/2000 Sun 1500 (JM4)       |
| 11545.0 | E3  | //12603//13375 rptg 60105 USB 30/07/2000 Sun 1500 (JM4)       |
| 11565.0 | E10 | EZI (87) TNLSY slow delivery USB 01/07/2000 Sat 0200          |
| 11565.0 | E10 | EZI (30) XLPLB USB 01/07/2000 Sat 0300 (JM4)                  |
| 11565.0 | E10 | in progress USB 02/07/2000 Sun 1738 (GG)                      |
| 11565.0 | E10 | EZI (87) TNSLV slow delivery USB 03/07/2000 Mon 0200          |
| 11565.0 | E10 | EZI USB 03/07/2000 Mon 2200 (GG)                              |
| 11565.0 | E10 | EZI (87) TNLSV USB 07/07/2000 Fri 0200 (JM4)                  |
| 11565.0 | E10 | EZI into 5LG USB 07/07/2000 Fri 0430 (GH)                     |
| 11565.0 | E10 | EZI (87) TNLSW USB 09/07/2000 Sun 0200 (JM4)                  |
| 11565.0 | E10 | EZI (87) TNLSW slow delivery USB 12/07/2000 Wed 0200 (JM4)    |
| 11565.0 | E10 | in progress USB 12/07/2000 Wed 0208 (GG)                      |
| 11565.0 | E10 | EZI (18) P_QRR AM 12/07/2000 Wed 0300 (JM4)                   |
| 11565.0 | E10 | in progress USB 12/07/2000 Wed 2015 (GG)                      |
| 11565.0 | E10 | EZI USB 12/07/2000 Wed 2030 (GG)                              |
| 11565.0 | E10 | EZI 25 ZWFPH USB 12/07/2000 Wed 2100 (GG)                     |
| 11565.0 | E10 | EZI AM 13/07/2000 Thu 0200 (JM4)                              |
| 11565.0 | E10 | EZI (18) PQRR AM 14/07/2000 Fri 0300 (JM4)                    |
| 11565.0 | E10 | EZI weak USB 15/07/2000 Sat 0200 (JM4)                        |
| 11565.0 | E10 | EZI (18) PPQRR AM 15/07/2000 Sat 0300 (JM4)                   |

11565.0 E10 (EZI?) group \_8 \_\_\_RR TTBRD USB 15/07/2000 Sat 0303  
11565.0 E10 EZI weak USB 18/07/2000 Tue 0200 (JM4)  
11565.0 E10 5LG in prog, weak; 20 s pause, tape break? USB  
18/07/2000 Tue 0206 (GH)  
11565.0 E10 EZI (18) PQRR AM 19/07/2000 Wed 0300 (JM4)  
11565.0 E10 in progress USB 19/07/2000 Wed 2212 (GG)  
11565.0 E10 EZI (68) RJHXP slow delivery AM 20/07/2000 Thu 0200  
11565.0 E10 EZI (18) PQRR AM 20/07/2000 Thu 0300 (JM4)  
11565.0 E10 EZI 68 RJHXP (oddly weak) USB 21/07/2000 Fri 0200 (GG)  
11565.0 E10 5LG in prog, msg truncated USB 21/07/2000 Fri 0204 (GH)  
11565.0 E10 EZI USB 21/07/2000 Fri 0300 (GG)  
11565.0 E10 EZI 82 NIEIQ USB 21/07/2000 Fri 1600 (GG)  
11565.0 E10 EZI ?? OLWBG USB 21/07/2000 Fri 1600 (GG)  
11565.0 E10 //6840 EZI weak USB 24/07/2000 Mon 0200 (JM4)  
11565.0 E10 EZI 68 RJHXP USB 25/07/2000 Tue 0200 (GG)  
11565.0 E10 EZI (68) RJHXP AM 27/07/2000 Thu 0200 (JM4)  
11565.0 V2 Spanish Lady YL/SS: V.Weak (Estimate of freq on radio  
w/ 5KHz tuning only) AM 24/07/2000 Mon 1000 (LAZ)  
11623.0 XPH Interference from R. Vaticano on 11625 AM 04/07/2000  
Tue 0600 (VM)  
11680.0 E6 AM 09/07/2000 Sun 2100 (TE)  
12119.5 M8a \_\_\_\_\_ WWTND DMRDD (\_\_\_\_\_ 55023 39633) CW 04/07/2000 Tue  
0107 (GH)  
12119.5 M8a WAIUN DDTUD IIMTN (51742 33043 77902), late start CW  
18/07/2000 Tue 0100 (GH)  
12120.0 V2a AM 02/07/2000 Sun 0300 (BM)  
12135.0 V2a A 06501 43242 51152 AM 13/07/2000 Thu 0200 (JM4)  
12135.0 V2a A 06503 43443 51153 AM 20/07/2000 Thu 0200 (JM4)  
12135.0 V2a A 14302 52861 45061 AM 27/07/2000 Thu 0200 (JM4)  
12156 XPH Polytone station AM 21/07/2000 Fri 2040 (AB)  
12156.0 XPH 841x3 1 08513 00115 AM 11/07/2000 Tue 2040 (VM)  
12156.0 XPH polytone weak AM 14/07/2000 Fri 2040 (JM4)  
12156.0 XPH 2232 carrier up AM 21/07/2000 Fri 2040 (MH)  
12165.0 V02 faint USB 17/07/2000 Mon 0200 (GG)  
12165.0 V2a A 44123 35931 40411 AM 03/07/2000 Mon 0200 (JM4)  
12165.0 V2a A 94563 08143 16863 AM 17/07/2000 Mon 0200 (JM4)  
12165.0 V2a freq approx; in progress AM 17/07/2000 Mon 0224 (BM)  
12165.0 V2a freq approx; in progress. AM 21/07/2000 Fri 0235 (BM)  
12165.0 V2a late start AM 24/07/2000 Mon 0200 (JM4)  
12165.0 V2a AM 31/07/2000 Mon 0200 (BM)  
12165.0 V02 Atencion 41903 93?32 41983 (??) USB 31/07/2000 Mon 0200  
(GG)  
12180.0 E6 490-827/153 81479 AM 08/07/2000 Sat 2100 (JE)  
12180.0 V2a A 54595 05802 94561 AM 12/07/2000 Wed 0200 (JM4)  
12197.0 E5 Rptg 197 count 1\_\_ AM 09/07/2000 Sun 2200 (GH)  
12197.0 E5 AM 30/07/2000 Sun 2200 (MH)  
12200.0 E07 682 682 682 1 1298 66 1298 66 AM 12/07/2000 Wed 2040  
12205.0 E07 682 682 682 1 334 128 334 128 AM 19/07/2000 Wed 2040

12210.0 M24 863 741 741 85 85 = = CW 13/07/2000 Thu 2000 (CR)  
12210.0 M24 863 207 207 145 145 = = CW 26/07/2000 Wed 2000 (CR)  
12215.0 V02 weak USB 15/07/2000 Sat 0000 (GG)  
12215.0 V02 in progress AM 25/07/2000 Tue 0208 (GG)  
12215.0 V2a A 54595 38412 91913 AM 07/07/2000 Fri 0200 (JM4)  
12215.0 V2a Atencion 87033 11193 30433 AM 15/07/2000 Sat 0000 (GH)  
12215.0 V2a In prog, 44311 15792 90223; narrowly trails 5417 AM  
21/07/2000 Fri 0200 (GH)  
12215.0 V02 USB 22/07/2000 Sat 0000 (GG)  
12280.0 V2a weak/unreadable AM 07/07/2000 Fri 0200 (JM4)  
12300.5 V5 //14421 rptg 488 Grupo 54 AM 01/07/2000 Sat 0300 (JM4)  
12300.5 V5 Rptg 488 grupo 54 138/09 //14421 AM 04/07/2000 Tue 0300  
(GH)  
12300.5 V5 Rptg 488 grupo 54 138/09 //14421 AM 15/07/2000 Sat 0300  
(GH)  
12300.5 V5 //14421 rptg 488 Grupo 54 AM 15/07/2000 Sat 0300 (JM4)  
12376.0 E10 //10352 CI02 USB 01/07/2000 Sat 0145 (JM4)  
12376.0 E10 //13921 CI02 USB 01/07/2000 Sat 1345 (JM4)  
12376.0 E10 CI02 USB 02/07/2000 Sun 1745 (GG)  
12376.0 E10 //10352 CI02 USB 03/07/2000 Mon 0245 (JM4)  
12376.0 E10 CI02 USB 03/07/2000 Mon 2145 (GG)  
12376.0 E10 CI02 USB 05/07/2000 Wed 1445 (JM4)  
12376.0 E10 CI02 USB 05/07/2000 Wed 2245 (GG)  
12376.0 E10 CI02 USB 07/07/2000 Fri 2245 (GG)  
12376.0 E10 //10352 CI02 USB 09/07/2000 Sun 0045 (JM4)  
12376.0 E10 CI02 USB 10/07/2000 Mon 0145 (GG)  
12376.0 E10 //10352 CI02 USB 12/07/2000 Wed 0145 (JM4)  
12376.0 E10 //10352 CI02 AM 12/07/2000 Wed 0245 (JM4)  
12376.0 E10 CI02 USB 12/07/2000 Wed 1445 (JM4)  
12376.0 E10 //8127//10352 CI02 AM 13/07/2000 Thu 0145 (JM4)  
12376.0 E10 //10352 CI02 USB 14/07/2000 Fri 0245 (JM4)  
12376.0 E10 //8127//10352 CI02 AM 15/07/2000 Sat 0245 (JM4)  
12376.0 E10 VLB2 USB 16/07/2000 Sun 1945 (GG)  
12376.0 E10 //13921 VLB2 (12 new VLB) AM 17/07/2000 Mon 0145 (JM4)  
12376.0 E10 VLB2 USB 17/07/2000 Mon 0645 (GG)  
12376.0 E10 //8025//13921 VLB2 AM 18/07/2000 Tue 0045 (JM4)  
12376.0 E10 //13921 VLB2 AM 18/07/2000 Tue 0145 (JM4)  
12376.0 E10 VLB2 USB 19/07/2000 Wed 2245 (GG)  
12376.0 E10 //13921 VLB2 AM 20/07/2000 Thu 0245 (JM4)  
12603.0 E3 //11545//13375 rptg 06504 USB 01/07/2000 Sat 1400 (JM4)  
12603.0 E3 //14487//16314 rptg 98132 1st grp 98133 a USB  
04/07/2000 Tue 1400 (JM4)  
12603.0 E3 //11545//13375 rptg 06504 USB 08/07/2000 Sat 1500 (JM4)  
12603.0 E3 //11545//13375 rptg 00582 USB 09/07/2000 Sun 1500 (JM4)  
12603.0 E3 in progress USB 13/07/2000 Thu 1603 (MH)  
12603.0 E3 //14487 rptg 07309 USB 17/07/2000 Mon 1400 (JM4)  
12603.0 E3 //14487//16314 rptg 79777 USB 18/07/2000 Tue 1400 (JM4)  
12603.0 E3 //14487//16314 rptg 79777 USB 25/07/2000 Tue 1400 (JM4)

12603.0 E3 //11545//13375 rptg 60105 USB 30/07/2000 Sun 1500 (JM4)  
12747.0 E10 MIW2 USB 01/07/2000 Sat 2215 (GG)  
12747.0 E10 CI02 USB 16/07/2000 Sun 1945 (GG)  
12747.0 E10 //8027//10352 CI02 AM 17/07/2000 Mon 0145 (JM4)  
12747.0 E10 //10352 CI02 AM 18/07/2000 Tue 0045 (JM4)  
12747.0 E10 //8025//10352 CI02 AM 18/07/2000 Tue 0145 (JM4)  
12747.0 E10 //14750 CI02 AM 18/07/2000 Tue 1345 (JM4)  
12747.0 E10 CI02 USB 18/07/2000 Tue 1445 (JM4)  
12747.0 E10 CI02 USB 19/07/2000 Wed 2245 (GG)  
12747.0 E10 //8025//10352 CI02 AM 20/07/2000 Thu 0245 (JM4)  
12747.0 E10 CI02 USB 21/07/2000 Fri 0145 (GG)  
12747.0 E10 CI02 USB 21/07/2000 Fri 2245 (GG)  
12747.0 E10 CI02 USB 21/07/2000 Fri 2345 (GG)  
12747.0 E10 CI02 USB 22/07/2000 Sat 2345 (GG)  
12747.0 E10 //8025//10352 CI02 AM 24/07/2000 Mon 0045 (JM4)  
12747.0 E10 //8025//10352 CI02 AM 24/07/2000 Mon 0145 (JM4)  
12747.0 E10 CI02 USB 25/07/2000 Tue 1345 (JM4)  
12747.0 E10 //8025//10352 CI02 AM 27/07/2000 Thu 0145 (JM4)  
12747.0 E10 CI02 USB 29/07/2000 Sat 2245 (GG)  
12747.0 E10 CI02 USB 30/07/2000 Sun 1345 (JM4)  
12747.0 E10 CI02 USB 31/07/2000 Mon 0145 (GG)  
12752.0 M13 714 = 190 21 = CW 13/07/2000 Thu 2000 (CR)  
12753.0 M13 714 = 190 21 = CW 14/07/2000 Fri 2000 (CR)  
12754.0 M13 714 = 190 21 = CW 27/07/2000 Thu 2000 (CR)  
13375.0 E03 in progress USB 02/07/2000 Sun 1712 (GG)  
13375.0 E03 45602 USB 16/07/2000 Sun 1700 (GG)  
13375.0 E03 in progress USB 29/07/2000 Sat 1512 (GG)  
13375.0 E03 79777 USB 29/07/2000 Sat 1800 (GG)  
13375.0 E3 //11545//12603 rptg 06504 USB 01/07/2000 Sat 1400 (JM4)  
13375.0 E3 //11545//12603 rptg 06504 USB 08/07/2000 Sat 1500 (JM4)  
13375.0 E3 //11545//12603 rptg 00582 USB 09/07/2000 Sun 1500 (JM4)  
13375.0 E3 weak USB 10/07/2000 Mon 1500 (JM4)  
13375.0 E3 in progress USB 14/07/2000 Fri 1524 (MH)  
13375.0 E3 //11545//12603 rptg 60105 USB 30/07/2000 Sun 1500 (JM4)  
13375.0 V2a A 55502 46452 05652 AM 03/07/2000 Mon 0200 (JM4)  
13375.0 V2a late start AM 24/07/2000 Mon 0200 (JM4)  
13380.0 V02 faint USB 12/07/2000 Wed 0604 (GG)  
13423.0 XPH 645x3 1 04697 00137 AM 04/07/2000 Tue 0620 (VM)  
13423.0 XPH 645x3 1 05627 00123 AM 07/07/2000 Fri 0620 (VM)  
13423.0 XPH 645x3 1 05627 00123 AM 11/07/2000 Tue 0620 (VM)  
13435.0 Female- Spanish AM 11/07/2000 Tue 0001 (SD2)  
13436 V02a Poor signal USB 0158 (Vambo)  
13436.0 V2a In prog; \_\_\_\_\_ 67713 40423 AM 04/07/2000 Tue 0107 (GH)  
13436.0 V2a A 06501 43242 51152 AM 13/07/2000 Thu 0100 (JM4)  
13436.0 V2a late - into 5FG w/o call-up AM 18/07/2000 Tue 0100  
13436.0 V2a In progress. female voice YL/SS - poor reception AM  
25/07/2000 Tue 0001 (GV)  
13438 XPH Polytone stations AM 21/07/2000 Fri 2020 (AB)

13438.0 XPH 841x3 000 AM 04/07/2000 Tue 2020 (VM)  
13438.0 XPH Polytone AM 11/07/2000 Tue 2020 (JM4)  
13438.0 XPH polytone weak AM 14/07/2000 Fri 2020 (JM4)  
13438.0 XPH Polytone AM 20/07/2000 Thu 2000 (JM4)  
13438.0 XPH 2012 carrier up AM 21/07/2000 Fri 2020 (MH)  
13439.0 XPH no MSG AM 25/07/2000 Tue 2020 (MH)  
13444.0 E05 Call 524 USB 15/07/2000 Sat 1800 (GG)  
13444.0 E05 Call 524 USB 29/07/2000 Sat 1800 (GG)  
13444.0 E5 Barely audible AM 15/07/2000 Sat 1800 (GH)  
13452.0 V05 barely audible USB 05/07/2000 Wed 0100 (GG)  
13452.0 V05 Call 257 Count 123 better signal than USB 14/07/2000  
Fri 0100 (GG)  
13452.0 V05 Call 257 USB 19/07/2000 Wed 0100 (GG)  
13452.0 V5 //15651 rptg 257 Grupo 126 AM 07/07/2000 Fri 0100 (JM4)  
13452.0 V5 //15651 rptg 257 Grupo 126 AM 12/07/2000 Wed 0100 (JM4)  
13527.9 MX Russian navy Arkhangelsk. Channelmarker S CW 13/04/2000  
1524 (MC)  
13528.0 MX Russian navy Moscow. Channelmarker C CW 13/04/2000  
1524 (MC)  
13533.0 E10 EZI (68) \_EN\_\_ USB 04/07/2000 Tue 1400 (JM4)  
13533.0 E10 EZI? in progress USB 05/07/2000 Wed 1600 (JM4)  
13533.0 E10 EZI (64) KWNS\_ USB 08/07/2000 Sat 1430 (JM4)  
13533.0 E10 EZI (43) ARHN\_ USB 12/07/2000 Wed 1430 (JM4)  
13533.0 E10 in progress USB 12/07/2000 Wed 2015 (GG)  
13533.0 E10 EZI 46 WMHHR USB 17/07/2000 Mon 1800 (GG)  
13533.0 E10 in progress USB 17/07/2000 Mon 1836 (GG)  
13533.0 E10 EZI weak/unreadable USB 30/07/2000 Sun 1430 (JM4)  
13555.0 E5 rptg 267 Count 215 AM 07/07/2000 Fri 1400 (JM4)  
13555.0 E5 //15732 rptg 267 Count 215 AM 09/07/2000 Sun 1400 (JM4)  
13555.0 E5 rptg 267 Count 215 USB 30/07/2000 Sun 1400 (JM4)  
13750.0 V13 YL/CC 4FGx2 in progress AM 05/07/2000 Wed 1600 (JM4)  
13750.0 V13 YL/CC 4FGx2 in progress AM 06/07/2000 Thu 1400 (JM4)  
13750.0 V13 YL/CC 4FGx2 in progress AM 07/07/2000 Fri 1400 (JM4)  
13750.0 V13 YL/CC 4FGx2 AM 08/07/2000 Sat 1400 (JM4)  
13750.0 V13 YL/CC 4FGx2 AM 08/07/2000 Sat 1500 (JM4)  
13750.0 V13 YL/CC 4FGx2 in progress USB 09/07/2000 Sun 1400 (JM4)  
13750.0 V13 YL/CC 4FGx2 in progress AM 09/07/2000 Sun 1500 (JM4)  
13750.0 V13 YL/CC w/flute interval AM 10/07/2000 Mon 1500 (JM4)  
13750.0 V13 YL/CC 4FGx2 AM 12/07/2000 Wed 1400 (JM4)  
13750.0 V13 AM 14/07/2000 Fri 1300 (JM4)  
13750.0 V13 AM 14/07/2000 Fri 1400 (JM4)  
13750.0 V13 AM 17/07/2000 Mon 1330 (JM4)  
13750.0 V13 AM 17/07/2000 Mon 1400 (JM4)  
13750.0 V13 YL/CC 4FGx2 AM 21/07/2000 Fri 1300 (JM4)  
13750.0 V13 YL/CC 4FGx2 AM 25/07/2000 Tue 1400 (JM4)  
13750.0 V13 YL/CC w/flute interval AM 30/07/2000 Sun 1500 (JM4)  
13835.0 E06 531 531 531 000000 AM 24/07/2000 Mon 1910 (CR)  
13870.0 E07 682 682 682 2 6374 103 6374 103 1418 120 AM 10/07/2000



Mon 2033 (CR)

|          |     |                                                                            |
|----------|-----|----------------------------------------------------------------------------|
| 13870.0  | E07 | 682 682 682 1 1298 66 1298 66 AM 12/07/2000 Wed 2020                       |
| 13870.0  | E07 | 682 682 682 1 334 128 334 128 AM 17/07/2000 Mon 2021                       |
| 13870.0  | E07 | 682 682 682 000 AM 26/07/2000 Wed 2020 (CR)                                |
| 13873.0  | E7  | AM 17/07/2000 Mon 2020 (MH)                                                |
| 13875.0  | E07 | 682 682 682 000 AM 24/07/2000 Mon 2020 (CR)                                |
| 13921.0  | E10 | //12376 CI02 USB 01/07/2000 Sat 1345 (JM4)                                 |
| 13921.0  | E10 | CI02 USB 09/07/2000 Sun 1345 (JM4)                                         |
| 13921.0  | E10 | VLB2 USB 16/07/2000 Sun 1945 (GG)                                          |
| 13921.0  | E10 | //12376 VLB2 (12 new VLB) AM 17/07/2000 Mon 0145 (JM4)                     |
| 13921.0  | E10 | //8025//12376 VLB2 AM 18/07/2000 Tue 0045 (JM4)                            |
| 13921.0  | E10 | //12376 VLB2 AM 18/07/2000 Tue 0145 (JM4)                                  |
| 13921.0  | E10 | VLB2 AM 18/07/2000 Tue 1345 (JM4)                                          |
| 13921.0  | E10 | VLB2 USB 18/07/2000 Tue 1445 (JM4)                                         |
| 13921.0  | E10 | VLB2 USB 19/07/2000 Wed 2245 (GG)                                          |
| 13921.0  | E10 | //12376 VLB2 AM 20/07/2000 Thu 0245 (JM4)                                  |
| 13921.0  | E10 | VLB2 USB 20/07/2000 Thu 1345 (GG)                                          |
| 14000.0  | E10 | SYN2 USB 30/07/2000 Sun 1345 (JM4)                                         |
| 14419.00 | M42 | FAPSI Station 5LGs tfc on link ID=[00018] Crowd36<br>30/10/1999 0909 (MC)  |
| 14421.0  | V05 | Call 189 Count 130 832/85 ... USB 22/07/2000 Sat 0300                      |
| 14421.0  | V5  | //12300.5 rptg 488 Grupo 54 AM 01/07/2000 Sat 0300                         |
| 14421.0  | V5  | Rptg 488 grupo 54 138/09 //12300.5 AM 04/07/2000 Tue<br>0300 (GH)          |
| 14421.0  | V5  | Rptg 488 grupo 54 138/09 //12300.5 AM 15/07/2000 Sat<br>0300 (GH)          |
| 14421.0  | V5  | //12300.5 rptg 488 Grupo 54 AM 15/07/2000 Sat 0300                         |
| 14427.08 | M42 | FAPSI Station 5LGs on link ID=[00918] Crowd36<br>19/02/2000 1340 (MC)      |
| 14448.0  | E05 | in progress USB 02/07/2000 Sun 1712 (GG)                                   |
| 14457.0  | M42 | FAPSI Station 5FGs on link ID [00125] RTTY 24/04/2000<br>1500 (MC)         |
| 14487    | E03 | LP in progress USB 20/07/2000 Thu 1424 (MADX)                              |
| 14487.0  | E03 | 57890 USB 29/07/2000 Sat 1300 (GG)                                         |
| 14487.0  | E03 | 18174 USB 29/07/2000 Sat 1400 (GG)                                         |
| 14487.0  | E03 | 47602 USB 31/07/2000 Mon 1200 (GG)                                         |
| 14487.0  | E03 | 57890 USB 31/07/2000 Mon 1300 (GG)                                         |
| 14487.0  | E03 | 07309 USB 31/07/2000 Mon 1400 (GG)                                         |
| 14487.0  | E3  | //11545 weak USB 01/07/2000 Sat 1400 (JM4)                                 |
| 14487.0  | E3  | //12603//16314 rptg 98132 1st grp 98133 a USB<br>04/07/2000 Tue 1400 (JM4) |
| 14487.0  | E3  | //16084 weak USB 06/07/2000 Thu 1400 (JM4)                                 |
| 14487.0  | E3  | //15682//16084 rptg 06504 USB 07/07/2000 Fri 1400 (JM4)                    |
| 14487.0  | E3  | //15682//16084 in progress USB 08/07/2000 Sat 1300                         |
| 14487.0  | E3  | //11545 rptg 27428 USB 08/07/2000 Sat 1400 (JM4)                           |
| 14487.0  | E3  | rptg 05847 USB 09/07/2000 Sun 1400 (JM4)                                   |
| 14487.0  | E3  | //15682//16084 rptg 52445 USB 12/07/2000 Wed 1400 (JM4)                    |
| 14487.0  | E3  | in progress USB 13/07/2000 Thu 1609 (MH)                                   |

14487.0 E3 //15682 weak USB 14/07/2000 Fri 1300 (JM4)  
14487.0 E3 //15682 rptg 06504 USB 14/07/2000 Fri 1400 (JM4)  
14487.0 E3 //15682//16084 in progress USB 17/07/2000 Mon 1300  
14487.0 E3 //15682 rptg 07309 USB 17/07/2000 Mon 1400 (JM4)  
14487.0 E3 //15682//16084 in progress USB 18/07/2000 Tue 1300  
14487.0 E3 //12603//16314 rptg 79777 USB 18/07/2000 Tue 1400 (JM4)  
14487.0 E3 //15682//16084 rptg 09109 USB 21/07/2000 Fri 1300 (JM4)  
14487.0 E3 //15682//16084 rptg 57890 USB 25/07/2000 Tue 1300 (JM4)  
14487.0 E3 //12603//16314 rptg 79777 USB 25/07/2000 Tue 1400 (JM4)  
14487.0 E3 //15682//16084 rptg 47602 USB 28/07/2000 Fri 1200 (JM4)  
14487.0 E3 //15682//16084 rptg 57890 USB 28/07/2000 Fri 1300 (JM4)  
14487.0 E3 //16084 rptg 57890 USB 30/07/2000 Sun 1300 (JM4)  
14487.0 E3 rptg 25514 USB 30/07/2000 Sun 1400 (JM4)  
14523.0 XPH 645x3 1 04697 00137 AM 04/07/2000 Tue 0640 (VM)  
14535 M42 FAPSI. msg on link 00051 RTTY 29/07/2000 1641 (RH2)  
14575 M42 FAPSI. Msgs + opchat RTTY 27/07/2000 1515 (RGA)  
14695 M22 Israeli navy Tel Aviv. VVV marker CW 20/07/2000 0529  
14695 M22 Israeli navy Tel Aviv 4XZ. VVV + off-line crypto msgs  
CW 25/07/2000 1700 (JD)  
14695.0 M22 Israeli Navy Haifa vvv de 4xz 4xz 4xz BT BT marker  
CW 30/06/2000 2127 (MC)  
14739.0 E5 //16198 in progress AM 21/07/2000 Fri 1300 (JM4)  
14750.0 E10 //12747 CI02 AM 18/07/2000 Tue 1345 (JM4)  
14771.0 Spanish female reading 5 number groups heavy hum and  
intermittent breakup AM 12/07/2000 Wed 0005 (GV)  
14788.65 US Intel UNID System tfc 108.9bd/17 29/01/2000 1614  
14817.08 M42 FAPSI Station 5LGs on link ID=[00023] Crowd36  
25/04/2000 1914 (MC)  
14822 M42 FAPSI. Lotsa Mazielka calls before and after Crowd36  
offline crypti msgs Crowd36 11/07/2000 1719 (RH2)  
14846.0 XPH 841x3 000 AM 04/07/2000 Tue 2000 (VM)  
14846.0 XPH polytone - two messages AM 14/07/2000 Fri 2000 (JM4)  
14846.0 XPH Polytone AM 20/07/2000 Thu 2000 (JM4)  
14846.0 XPH AM 21/07/2000 Fri 2000 (MH)  
14846.0 XPH no MSG AM 25/07/2000 Tue 2000 (MH)  
14931 M16 French Intel. 274/970/391 CW 25/07/2000 0956 (RGA)  
14931.0 M16 French Intel Paris vvv vvv vvv 8by 8by 8by marker  
followed by trigraphs CW 27/02/2000 1001 (MC)  
14931.0 M16 French Intel Paris vvv vvv vvv 8by 8by 8by marker  
followed by trigraphs CW 10/06/2000 1001 (MC)  
14938.0 M12 162 162 162 000 CW 11/07/2000 Tue 0800 (CR)  
14938.0 M12 162 162 162 000 CW 18/07/2000 Tue 0800 (CR)  
14938.0 M12 162 162 162 000 CW 25/07/2000 Tue 0800 (CR)  
14938.0 M12 162 162 162 000 CW 27/07/2000 Thu 0800 (CR)  
15388.0 V13 YL/CC 4FGx2 in progress AM 05/07/2000 Wed 1600 (JM4)  
15388.0 V13 YL/CC 4FGx2 in progress AM 06/07/2000 Thu 1400 (JM4)  
15388.0 V13 YL/CC 4FGx2 in progress AM 07/07/2000 Fri 1400 (JM4)  
15388.0 V13 YL/CC 4FGx2 AM 08/07/2000 Sat 1400 (JM4)

15388.0 V13 YL/CC 4FGx2 AM 08/07/2000 Sat 1500 (JM4)  
15388.0 V13 YL/CC 4FGx2 in progress USB 09/07/2000 Sun 1400 (JM4)  
15388.0 V13 YL/CC 4FGx2 in progress AM 09/07/2000 Sun 1500 (JM4)  
15388.0 V13 YL/CC 4FGx2 AM 12/07/2000 Wed 1400 (JM4)  
15388.0 V13 AM 14/07/2000 Fri 1300 (JM4)  
15388.0 V13 AM 14/07/2000 Fri 1400 (JM4)  
15388.0 V13 AM 17/07/2000 Mon 1330 (JM4)  
15388.0 V13 AM 17/07/2000 Mon 1400 (JM4)  
15388.0 V13 YL/CC 4FGx2 AM 21/07/2000 Fri 1300 (JM4)  
15388.0 V13 YL/CC 4FGx2 AM 25/07/2000 Tue 1400 (JM4)  
15388.0 V13 YL/CC w/flute interval AM 30/07/2000 Sun 1500 (JM4)  
15639.0 M12 446 446 446 1 8886 169 8886 169 CW 14/07/2000 Fri 1920 (CR)  
15640.0 E07 682 682 682 1 1298 66 1298 66 AM 12/07/2000 Wed 2000  
15651.0 V05 Call 257 USB 14/07/2000 Fri 0100 (GG)  
15651.0 V05 Call 257 USB 19/07/2000 Wed 0100 (GG)  
15651.0 V5 //13452 rptg 257 Grupo 126 AM 07/07/2000 Fri 0100 (JM4)  
15651.0 V5 //13452 rptg 257 Grupo 126 AM 12/07/2000 Wed 0100 (JM4)  
15680.0 E07 Possible frequency AM 10/07/2000 Mon 2000 (CR)  
15682.0 E03 47602 USB 31/07/2000 Mon 1200 (GG)  
15682.0 E03 57890 USB 31/07/2000 Mon 1300 (GG)  
15682.0 E3 //14487//16084 rptg 06504 USB 07/07/2000 Fri 1400 (JM4)  
15682.0 E3 //14487//16084 in progress USB 08/07/2000 Sat 1300  
15682.0 E3 //14487//16084 rptg 52445 USB 12/07/2000 Wed 1400 (JM4)  
15682.0 E3 //14487 weak USB 14/07/2000 Fri 1300 (JM4)  
15682.0 E3 //14487 rptg 06504 USB 14/07/2000 Fri 1400 (JM4)  
15682.0 E3 //14487//16084 in progress USB 17/07/2000 Mon 1300  
15682.0 E3 //14487//16084 in progress USB 18/07/2000 Tue 1300  
15682.0 E3 //14487//16084 rptg 09109 USB 21/07/2000 Fri 1300 (JM4)  
15682.0 E3 //14487//16084 rptg 57890 USB 25/07/2000 Tue 1300 (JM4)  
15682.0 E3 //14487//16084 rptg 47602 USB 28/07/2000 Fri 1200 (JM4)  
15682.0 E3 //14487//16084 rptg 57890 USB 28/07/2000 Fri 1300 (JM4)  
15732.0 E5 //13555 rptg 267 Count 215 AM 09/07/2000 Sun 1400 (JM4)  
15980.0 E10 EZI 25 ZWFPH USB 12/07/2000 Wed 2100 (GG)  
15980.0 E10 EZI 46 WMHHR USB 17/07/2000 Mon 1800 (GG)  
15980.0 E10 //17410 EZI2 AM 21/07/2000 Fri 1330 (JM4)  
15980.0 E10 //17410 EZI2 AM 25/07/2000 Tue 1330 (JM4)  
16084.0 E03 47602 USB 31/07/2000 Mon 1200 (GG)  
16084.0 E03 57890 USB 31/07/2000 Mon 1300 (GG)  
16084.0 E3 //14487 weak USB 06/07/2000 Thu 1400 (JM4)  
16084.0 E3 //14487//15682 rptg 06504 USB 07/07/2000 Fri 1400 (JM4)  
16084.0 E3 //14487//15682 in progress USB 08/07/2000 Sat 1300  
16084.0 E3 //14487//15682 rptg 52445 USB 12/07/2000 Wed 1400 (JM4)  
16084.0 E3 Weak LP tune USB 15/07/2000 Sat 1800 (GH)  
16084.0 E3 //14487//15682 in progress USB 17/07/2000 Mon 1300  
16084.0 E3 //14487//15682 in progress USB 18/07/2000 Tue 1300  
16084.0 E3 //14487//15682 rptg 09109 USB 21/07/2000 Fri 1300 (JM4)  
16084.0 E3 //14487//15682 rptg 57890 USB 25/07/2000 Tue 1300 (JM4)

16084.0 E3 //14487//15682 rptg 47602 USB 28/07/2000 Fri 1200 (JM4)  
16084.0 E3 //14487//15682 rptg 57890 USB 28/07/2000 Fri 1300 (JM4)  
16084.0 E3 //14487 rptg 57890 USB 30/07/2000 Sun 1300 (JM4)  
16192.67 US Intel UNID System sync ACF=64/356 idles ACF=0 tfc  
108.9bd/17 08/01/2000 1613 (MC)  
16198.0 E5 //14739 in progress AM 21/07/2000 Fri 1300 (JM4)  
16217 M14 for "359". Mixture of cut and full numbers. QRT at 1340  
w/783 (x2) 64 (x2) 00000 CW 20/07/2000 Thu 1340 (MADX)  
16218.0 M42 FAPSI Station 5LGs on link ID = [00125] RTTY  
16/05/2000 1507 (MC)  
16242.0 M42 FAPSI Station 5LGs on link 11177 00149 00000 16655  
00031 RTTY 16/03/1997 1018 (MC)  
16314.0 E3 //12603//14487 rptg 98132 1st grp 98133 a USB  
04/07/2000 Tue 1400 (JM4)  
16314.0 E3 //12603//14487 rptg 79777 USB 18/07/2000 Tue 1400 (JM4)  
16314.0 E3 //12603//14487 rptg 79777 USB 25/07/2000 Tue 1400 (JM4)  
17050.0 M22 4XZ w/traffic CW 09/07/2000 Sun 1500 (JM4)  
17410.0 E10 //15980 EZI2 AM 21/07/2000 Fri 1330 (JM4)  
17410.0 E10 //15980 EZI2 AM 25/07/2000 Tue 1330 (JM4)  
17437.0 M12 CW 21/07/2000 Fri 1900 (TS2)  
17438.0 M12 446 446 446 1 8886 169 8886 169 CW 14/07/2000 Fri 1900  
(CR)  
17473.08 M42 FAPSI Station 5LGs tfc on UNID link Crowd36  
15/04/2000 0158 (MC)  
17476.4 M42 FAPSI. Msgs on link 10047 RTTY 04/07/2000 1646 (RH2)  
17487.00 M42 FAPSI Station tfc ends tks gb sk Crowd36 26/04/2000  
1131 (MC)  
17499.0 E3a In progress. USB 04/07/2000 Tue 2200 (MF)  
17499.0 E3a //22108 weak USB 12/07/2000 Wed 0000 (JM4)  
17499.0 E3a //22108 rptg 27051 USB 14/07/2000 Fri 1300 (JM4)  
17499.0 E3a //22108 in progress USB 17/07/2000 Mon 1300 (JM4)  
17499.0 E3a //22108 in progress USB 18/07/2000 Tue 1300 (JM4)  
17499.0 E3a //22108 rptg 57130 USB 25/07/2000 Tue 1300 (JM4)  
17499.0 E3a in progress USB 28/07/2000 Fri 1200 (JM4)  
17499.0 E3a weak USB 28/07/2000 Fri 1300 (JM4)  
18093.00 M42 FAPSI Station 5FGs on link ID 60003 RTTY 27/04/1996  
1422 (MC)  
18415.0 M16 8BY w/traffic CW 09/07/2000 Sun 1540 (JM4)  
18426 M22 Israeli navy Tel Aviv 4XZ. VVV + off-line crypto msgs  
CW 25/07/2000 1700 (JD)  
18469.0 M12 446 446 446 1 371 189 371 189 CW 21/07/2000 Fri 1840  
18497.0 M12 446 446 446 1 8886 169 8886 169 CW 14/07/2000 Fri 1840  
(CR)  
18538 M42 FAPSI. Mazielka calls + msgs Crowd36 28/07/2000 0855  
18582.00 M42 FAPSI Station 5LGs on link 11177 50002 54768 31390  
01001 RTTY 01/01/1997 1144 (MC)  
19354.00 M42 FAPSI Station 5LGs on link ID=[80038] RTTY 28/04/2000  
1520 (MC)

19415.00 M42 FAPSI Station 5LGs on link ID 11177 50002 08399 30846  
 00981 RTTY 03/05/1997 1013 (MC)  
 19522 M42 FAPSI. Mazielka calls + offline crypto msgs Crowd36  
 03/07/2000 1600 (RH2)  
 19715.0 E10 //21930 EZI2 USB 18/07/2000 Tue 1400 (JM4)  
 19884.0 E3a //21866 in progress USB 12/07/2000 Wed 0100 (JM4)  
 19884.0 E3a //21866 weak USB 13/07/2000 Thu 0100 (JM4)  
 19884.0 E3a //21866 weak USB 18/07/2000 Tue 0100 (JM4)  
 19884.0 E3a //21866 rptg 64697 USB 24/07/2000 Mon 0100 (JM4)  
 20991 M42 FAPSI. Msg on link 00099 + opchat RTTY 29/07/2000 1400  
 (DW)  
 21866.0 E10 //19884 rptg 64697 USB 24/07/2000 Mon 0100 (JM4)  
 21866.0 E3a //19884 in progress USB 12/07/2000 Wed 0100 (JM4)  
 21866.0 E3a //19884 weak USB 13/07/2000 Thu 0100 (JM4)  
 21866.0 E3a //19884 weak USB 18/07/2000 Tue 0100 (JM4)  
 21930.0 E10 //23740 EZI2 USB 04/07/2000 Tue 1400 (JM4)  
 21930.0 E10 EZI2 USB 09/07/2000 Sun 1400 (JM4)  
 21930.0 E10 EZI2 USB 09/07/2000 Sun 1530 (JM4)  
 21930.0 E10 //19715 EZI2 USB 18/07/2000 Tue 1400 (JM4)  
 21930.0 E10 EZI2 USB 19/07/2000 Wed 1400 (GG)  
 21930.0 E10 EZI2 USB 30/07/2000 Sun 1400 (JM4)  
 21930.0 E10 EZI2 USB 31/07/2000 Mon 1400 (GG)  
 22108.0 E3a //17499 weak USB 12/07/2000 Wed 0000 (JM4)  
 22108.0 E3a //17499 rptg 27051 USB 14/07/2000 Fri 1300 (JM4)  
 22108.0 E3a //17499 in progress USB 17/07/2000 Mon 1300 (JM4)  
 22108.0 E3a weak USB 18/07/2000 Tue 0000 (JM4)  
 22108.0 E3a //17499 in progress USB 18/07/2000 Tue 1300 (JM4)  
 22108.0 E3a rptg 89816 USB 24/07/2000 Mon 0000 (JM4)  
 22108.0 E3a //17499 rptg 57130 USB 25/07/2000 Tue 1300 (JM4)  
 23740 E10 Israeli Intel. EZI + msg AM 28/07/2000 1133 (RGA)  
 23740.0 E10 //21930 EZI2 USB 04/07/2000 Tue 1400 (JM4)  
 23740.0 E10 EZI 5 VSQMY USB 21/07/2000 Fri 1130 (GG)  
 23740.0 E10 EZI 16 QHDNL USB 28/07/2000 Fri 1130 (GG)  
 23740.0 E10 EZI2 USB 31/07/2000 Mon 1400 (GG)

★ LOG CONTRIBUTORS ★

AB Ary Boender, Netherlands  
 AL Allen Lutins, NY, USA  
 BM Ben Mesander, CO, USA  
 CK Costas, Greece  
 CR Cherry Ripe, UK  
 DW Day Watson, UK  
 ED Eric Dyce, CO, USA  
 GG Gallus Galus, W.Europe  
 GH Greg Hajek, ILL, USA  
 GV Glenn Valenta, CO, USA  
 JD John Doe, UK

|       |                                  |
|-------|----------------------------------|
| JE    | Joerg Eberhardt, Germany         |
| JM4   | John Maky, Arkansas, USA         |
| K1RC  | John                             |
| LAZ   | Lazarus, CA, USA                 |
| MC    | Mike Chace-Ortiz, PA, USA        |
| MF    | Mike Ford, UK                    |
| MH    | Mike H, Germany                  |
| NK    | Nathan Kelderman, SC, USA        |
| PB    | Paul Beaumont, UK                |
| RG    | Ryan Grabow, NY, USA             |
| RGA   | Jim Dunnett, UK                  |
| RH2   | Robert Hall, S.Africa            |
| SD    | Simon Denneen, Sydney, Australia |
| SD2   | Sherman Dunnam, ILL, USA         |
| TE    | Toby English, Poland             |
| TS2   | T.Sizemone, NC, USA              |
| Vambo | Vambo                            |
| VM    | Valeriano Martin, Spain          |

-o-o-o-o-o-o-o-o-o-o-

The 'Numbers & Oddities' column a.k.a. 'Spooks Newsletter' comes to you courtesy of the Worldwide Utility News club. This newsletter may NOT be utilized, partly or wholly, in any other media format without the written permission of the editor (ary@luna.nl). Any breach of this may result in action under international copyright legislation.

To become a WUN member, send e-mail to the WUN listserver at: majordomo@qth.net and in the BODY of the message type: "subscribe wun" (without the quotation marks).

Check out the WUN web site at: <http://www.wunclub.com>

-o-o-o-o-o-conet-o-o-o-o-o-